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OCEANOGRAPHIC OBSERVATIONS IN BRISTOL BAY AND THE BERING SEA 1939-41, USCGT Redwing

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SPECIAL SCIENTIFIC REPORT–FISHERIES No. 381

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

Contribution No. 21 to research conducted with the approval of the United States Section of the International North Pacific Fisheries Commission. The Commission, established in 1953 by the International Convention for the High Seas Fisheries of the North Pacific Ocean, coordinates the research of the member nations: Japan, Canada, and the United States. The resulting investigations provide data to the Commission for use in carrying out its duties in connection with fishery conservation problems in the North Pacific Ocean. Publication of this scientific report has been approved by the United States Section of the Commission.

United States Department of the Interior, Stewart L. Udall, Secretary
Fish and Wildlife Service, Clarence F. Pautzke, Commissioner
Bureau of Commercial Fisheries, Donald L. McKernan, Director

OCEANOGRAPHIC OBSERVATIONS IN BRISTOL BAY AND THE BERING SEA 1939-41 (USCGT Redwing)

by

Felix Favorite, John W. Schantz
and Charles R. Hebard

United States Fish and Wildlife Service
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ABSTRACT

Oceanographic data in Bristol Bay and the Bering Sea obtained aboard the U. S. Coast Guard Tug *Redwing* during the summer months of 1939, 1940 and 1941 in conjunction with the exploratory fishing conducted in the area are presented. Temperature, salinity, dissolved oxygen, phosphates, nitrites and silicates are tabulated for 331 stations in 1939, 184 in 1940 and 40 in 1941. Interpolated values of temperature and salinity and computed values of density, specific volume anomaly, and dynamic height at standard depths are presented.

INTRODUCTION

This report supplements current investigations of the distribution and migration of salmon in the North Pacific Ocean and the Bering Sea and follows the report by Favorite and Pedersen (1959) in which the basic operational plans and the results of the 1938 preliminary oceanographic investigations in Bristol Bay, Alaska, were presented.

The oceanographic data presented in this report were obtained during the summer months of 1939 to 1941 aboard the U. S. Coast Guard Tug *Redwing* in conjunction with the exploratory purse-seine and gill-net salmon fishing conducted in the area. The results of the fishing effort have been reported by Barnaby (1952).

Note.--Felix Favorite, Oceanographer, and John W. Schantz and Charles R. Hebard, Fishery Aids, Bureau of Commercial Fisheries, U. S. Fish and Wildlife Service, Seattle, Washington.

VESSEL AND PERSONNEL

As in 1938, the U. S. Coast Guard Tug *Redwing* served as the research vessel with Lt. J. A. Fletcher, USCG, as her commanding officer during 1939 and 1940, and Lt. B. H. Brallier, USCG, during 1941. The oceanographic personnel, under the supervision of Dr. T. G. Thompson of the University of Washington, and their tours of duty as determined by the *Redwing* logs were as follows:

1939	Albert V. Collier	15 May to 8 June
	Walter Sands	15 May to 10 September
	Russel Scott	15 May to 10 September
	Alfred Westfall	15 May to 10 September
	Harry Worth	15 May to 10 September
1940	Harris Magnusson	27 June to 6 September
	Harold Plank	27 June to 6 September
	Walter Sands	27 June to 6 September
	Harry Worth	27 June to 6 September
1941	William P. Holland	6 May to 21 June
	Donald E. Knoke	6 May to 21 June
	Niell C. Ostranger	6 May to 21 June
	Walter Sands	6 May to 21 June
	Keith Sweeny	6 May to 21 June

OBSERVATIONS

Stations

The 1939 stations, which followed closely those sections of 1938 perpendicular to the Aleutian Chain and extending to Cape Newenham, were confined to the inner area of Bristol Bay. In 1940 those sections originating north of the Chain and reaching to and along Cape Newenham were repeated. An additional perimeter of stations was observed from Cape Newenham along Nunivak Island, the Pribilof Islands, and the Unimak Island and Pass. A third series of stations was observed beginning north of Akutan Pass and proceeding through Unimak Pass, along the Chain, around the Shumagin Islands, and ending at Sanak Island. In 1941, only four sections were made--one each from Unalaska Island and Unimak Island to the Pribilof Islands, and two east-west sections across Bristol Bay.

The number of stations observed was greatly increased in 1939--331 compared to 128 in 1938, 184 were observed in 1940, and 40 in 1941. The 1941 investigations were terminated abruptly because of a change in the operating schedule of the *Redwing*.

Hydrographic casts

The hydrographic casts in 1939 and 1941 conformed to the depth interval used in 1938, but in 1940 standard sampling depths were often changed to other intervals.

In 1938 water samples were drawn for the analysis of only chlorinity and dissolved oxygen, but during the three following years the water was analyzed for phosphates, nitrites, and silicates as well. However, no bottom samples were collected or currents measured.

NOTES ON TABULATED DATA

Station heading

Station

Position

Messenger time and date, CGT

Weather condition
- B blue sky, cloudless
- C cloudy
- D drizzle
- E fog
- M mist
- O overcast
- P passing showers of rain
- R rain
- S snow, snowy weather, or snow falling
- V variable
- Z hazy

Barometer, in inches

Wind
- Direction
- Force in Beaufort scale

Sea
- Direction
- Height
  - 0. No swell)
  - 1. Moderate swell (Calm or
  - 2. Heavy swell)light sea
  - 3. No swell)Moderate
  - 4. Moderate swell (sea
  - 5. Heavy swell
  - 6. Rather rough sea
  - 7. Rough sea
  - 8. Very rough sea
  - 9. Mountainous sea

Temperature, in $^{\circ}$F.

Depth, in meters

Observed data

DEPTH	Depth in meters
TEMP	Temperature from reversing thermometer, in $^{\circ}$C.
SAL	Salinity, as obtained from chlorinity by Knudsen's tables (1901). Mohr method.
OXY	Dissolved oxygen concentration expressed as milligram-atoms of oxygen per kilogram of sea water. Winkler (American Public Health Association, 1923) method.

PHOS — Soluble phosphate concentration expressed in microgram-atoms of phosphorus per kilogram of sea water. Deniges (1920) method as modified by Truog and Meyer (1929).

NIT — Nitrite nitrogen concentration expressed as microgram-atoms of nitrogen per kilogram of sea water. Griess (1879) method as modified by Ilosvay (1889).

SIL — Soluble silicate concentration expressed as microgram-atoms of silicon per kilogram of sea water. Thompson and Houlton (1934) method.

T — Indicates a trace amount of the indicated constituent.

Computed data

SIG-T — Density, defined by (specific gravity- 1) x 1000, expressed as grams per liter

$10^5\delta$ — Specific volume anomaly at the indicated pressure

ΔD — Anomaly of dynamic height, in dynamic meters, of the sea surface relative to the indicated depth in meters

Calculations were done on an IBM 650, Magnetic Drum Data-Processing Machine at the computer center of the University of Washington, by using formulas presented in *Oceanographic Data Processing by Automatic Methods*, U. S. Hydrographic Office, January 31, 1955.

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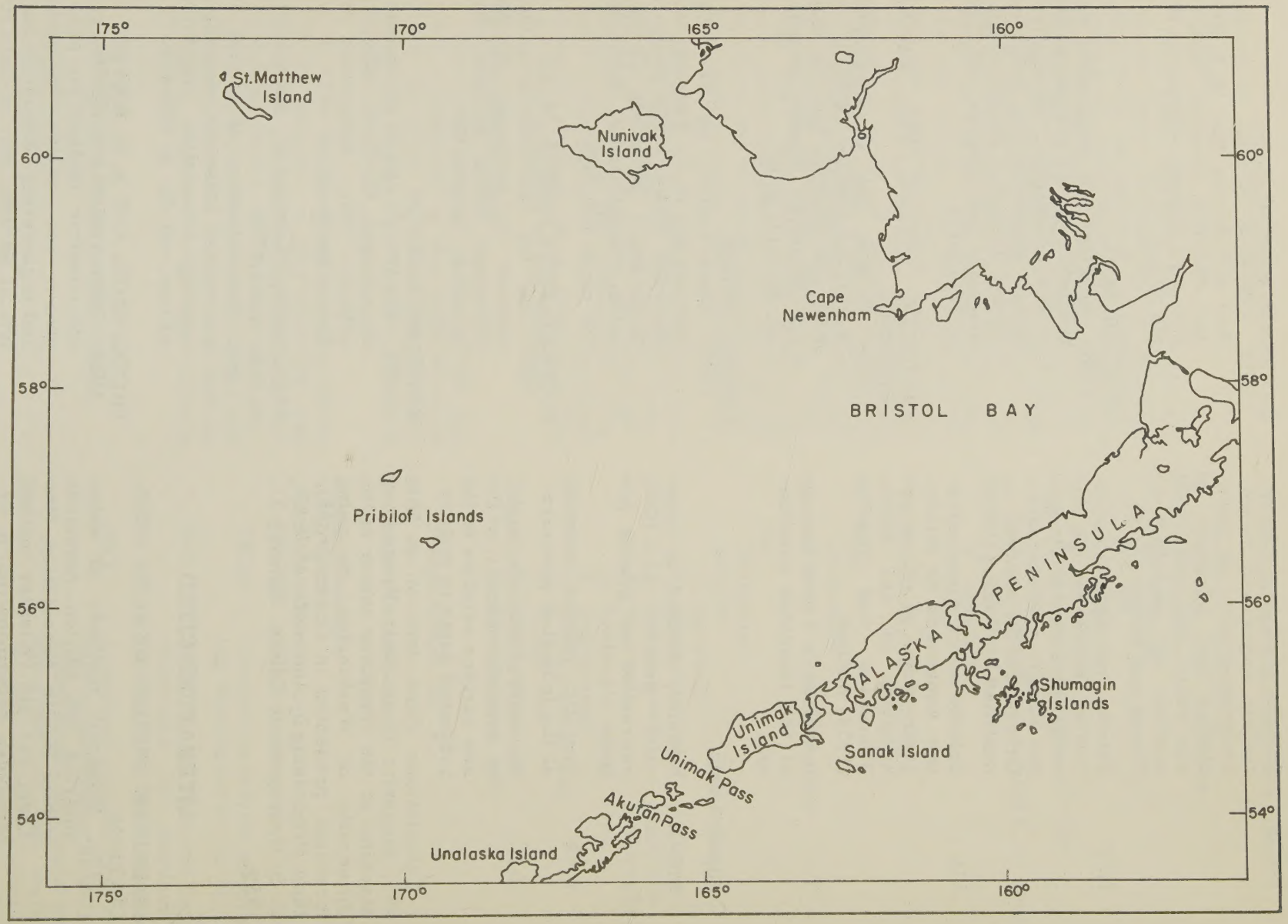

175°
170°
165°
160°
60°
58°
56°
54°
St. Matthew Island
Nunivak Island
Cape Newenham
BRISTOL BAY
Pribilof Islands
ALASKA PENINSULA
Shumagin Islands
Unimak Island
Sanak Island
Unimak Pass
Akutan Pass
Unalaska Island

STATION DATA, 1939

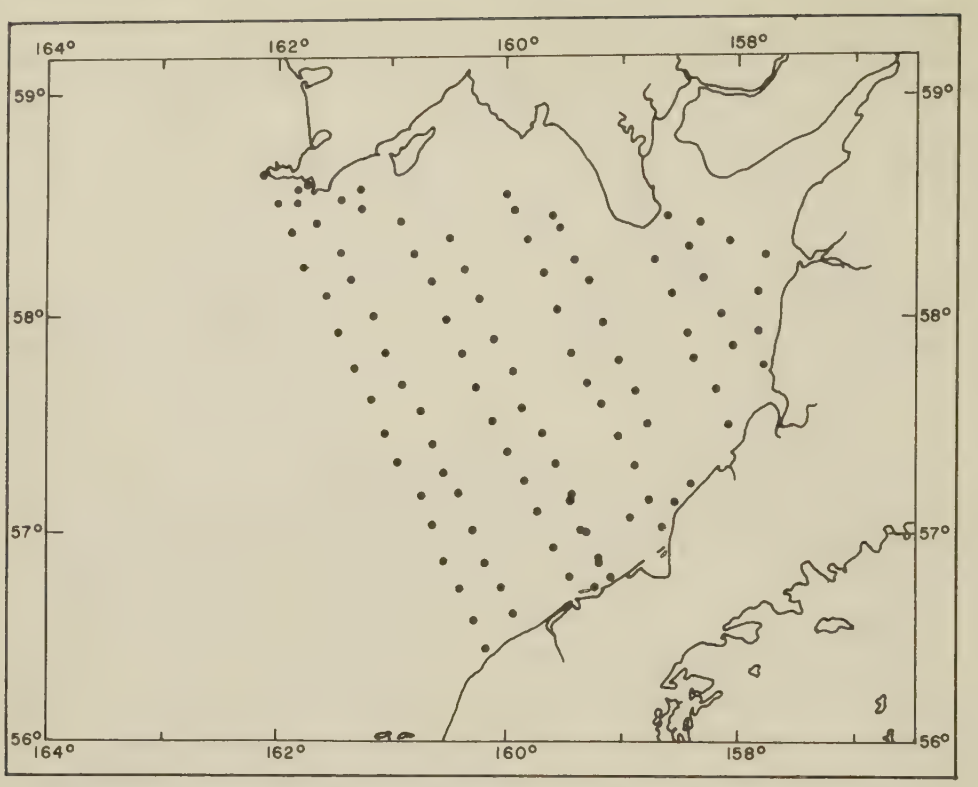


Figure 2.--Oceanographic stations 1-105, Bristol Bay, Alaska, May-June 1939

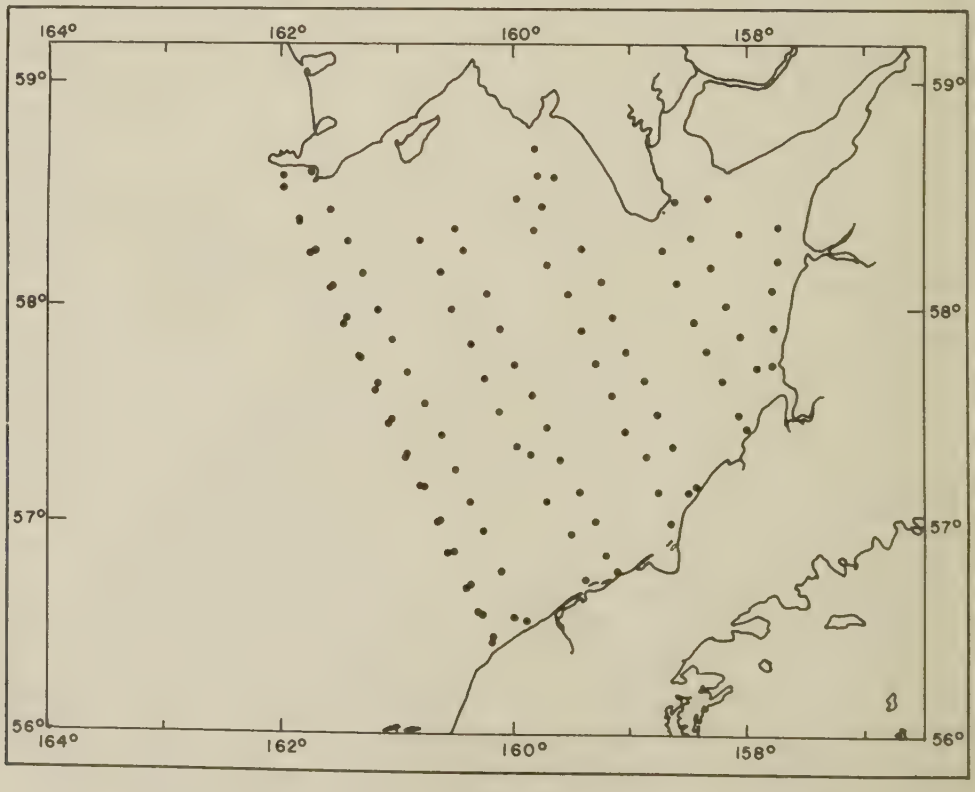
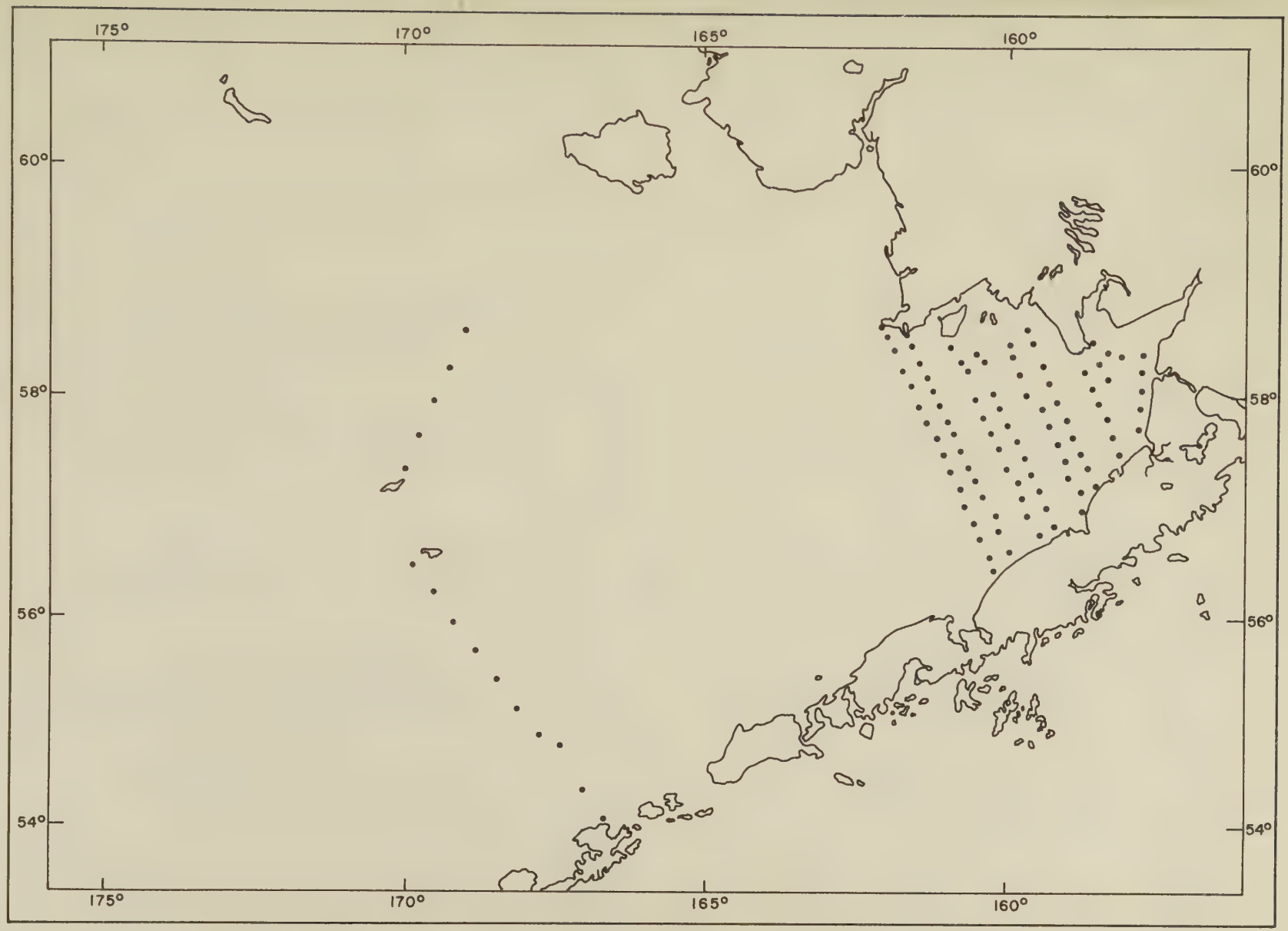


Figure 3.--Oceanographic stations 106-223, Bristol Bay, Alaska, July 1939



Fibure 4.--Oceanographic stations 224-331, Eastern Bering Sea, Alaska, August 1939

STATION 1

58-35 N 161-49 W 30 MAY 1939 1556 GCT
WEATHER O BAR 29.96 WIND W 2 SEA W 1
TEMPERATURE DRY 33 WET 32 DEPTH 13

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.77	30.88	24.64	.663	0.6	.0	0
5	2.77	30.88	24.64	.660	0.6	.0	0
10	2.78	30.88	24.64	.656	0.8	.0	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.77	30.88	24.64	330.5	.000
10	2.78	30.88	24.64	330.6	.033

STATION 2

58-38 N 162-08 W 30 MAY 1939 1833 GCT
WEATHER O P S BAR 29.99 WIND W 2 SEA W 1
TEMPERATURE DRY 35 WET 34 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.60	30.79	24.59	.673	0.7	.0	0
5	2.51	30.79	24.59	.662	0.7	.0	0
10	2.46	30.81	24.61	.668	0.7	.0	0
15	2.35	30.86	24.66	.666	0.7	.0	0
20	2.08	30.97	24.77	.664	0.7	.0	0
30	1.98	31.08	24.86	.666	0.9	.0	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.60	30.79	24.59	336.1	.000
10	2.46	30.81	24.61	333.6	.033
20	2.08	30.97	24.77	318.9	.066
30	1.98	31.08	24.86	309.8	.097

STATION 3

58-31 N 162-00 W 30 MAY 1939 2025 GCT
WEATHER O P S BAR 29.99 WIND W 2 SEA W 1
TEMPERATURE DRY 35 WET 34 DEPTH 37

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.48	31.29	25.06	.686	0.5	.0	0
5	1.47	31.29	25.06	.688	0.5	.0	0
10	1.33	31.31	25.09		0.5	.0	0
15	1.33	31.31	25.09	.693	0.6	.0	0
20	1.29	31.31	25.09	.688	0.5	.0	0
30	1.29	31.31	25.09	.693	0.5	.0	0
35	1.24	31.31	25.09	.688	0.6	.0	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.48	31.29	25.06	290.8	.000
10	1.33	31.31	25.09	288.3	.029
20	1.29	31.31	25.09	288.1	.058
30	1.29	31.31	25.09	288.1	.087

STATION 4

58-23 N 161-52 W 30 MAY 1939 2252 GCT
WEATHER O BAR 30.01 WIND W 2 SEA W 1
TEMPERATURE DRY 35 WET 34 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.33	31.35	25.12	.706	0.60	.0	0
5	1.31	31.35	25.12	.705	0.55	.0	0
10	1.18	31.35	25.13	.704	0.60	.0	0
15	1.16	31.36	25.14	.694	0.50	.0	0
20	1.14	31.35	25.13	.694	0.60	.0	0
30	1.09	31.35	25.13	.701	0.55	.0	0
40	1.07	31.36	25.14	.694	0.50	.0	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.33	31.35	25.12	285.3	.000
10	1.18	31.35	25.13	284.4	.028
20	1.14	31.35	25.13	284.2	.056
30	1.09	31.35	25.13	283.9	.084

STATION 5

58-13 N 161-46 W — 31 MAY 1939 — 0103 GCT
WEATHER O O Z — BAR 30.05 — WIND W 2 — SEA W 1
TEMPERATURE — DRY 35 — WET 34 — DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.23	31.42	25.18	.693	0.50	.0	0
5	1.18	31.42	25.18	.567	0.50	.0	0
10	1.14	31.40	25.17	.582	0.50	.0	0
15	1.14	31.40	25.17	.614	0.50	.0	0
20	1.14	31.42	25.19	.602	0.50	.0	0
30	1.15	31.40	25.17				0
40	1.14	31.42	25.19	.674	0.50	.0	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	1.23	31.42	25.18	279.4	.000
10	1.14	31.40	25.17	280.4	.028
20	1.14	31.42	25.19	278.9	.056
30	1.15	31.40	25.17	280.4	.084

STATION 6

58-05 N 161-35 W — 31 MAY 1939 — 0320 GCT
WEATHER C — BAR 30.02 — WIND W 2 — SEA W 1
TEMPERATURE — DRY 35 — WET 34 — DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.29	31.46	25.21	.709	0.6	.0	0
5	1.13	31.47	25.23	.711	0.6	.0	0
10	1.10	31.47	25.23	.711	0.5	.0	0
15	1.11	31.47	25.23	.709	0.5	.0	0
20	1.08	31.47	25.23	.710	0.9	.0	0
30	1.07	31.47	25.23	.702		.0	0
35	1.10	31.47	25.23	.704	0.5	.0	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	1.29	31.46	25.21	276.7	.000
10	1.10	31.47	25.23	274.9	.028
20	1.08	31.47	25.23	274.7	.055
30	1.07	31.47	25.23	274.6	.082

STATION 7

57-55 N 161-29 W 31 MAY 1939 0547 GCT
WEATHER O BAR 30.04 WIND O O SEA WNW 1
TEMPERATURE DRY 33 WET 32 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	0.53	31.56	25.33	.536	0.6	.0	0
5	0.54	31.58	25.35	.624	0.7	.0	0
10	0.51	31.56	25.33	.605	0.7	.T	0
15	0.53	31.56	25.33	.588	0.5	.0	0
20	0.52	31.58	25.35	.466	0.6	.0	0
30	0.54	31.58	25.35	.583	0.6	.0	0
40	0.53	31.58	25.35	.557	0.6	.0	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	0.53	31.56	25.33	265.1	.000
10	0.51	31.56	25.33	265.0	.027
20	0.52	31.58	25.35	263.5	.053
30	0.54	31.58	25.35	263.5	.079

STATION 8

57-46 N 161-20 W 31 MAY 1939 0803 GCT
WEATHER O Z BAR 30.06 WIND O O SEA WNW 1
TEMPERATURE DRY 32 WET 32 DEPTH 49

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	0.72	31.55	25.31	.711	0.4	.0	
5	0.75	31.56	25.32	.717	0.3	.0	
10	0.73	31.55	25.31	.716	0.3	.0	
15	0.74	31.58	25.34	.751	0.3	.0	
20	0.73	31.58	25.34	.716	0.4	.0	
30	0.75	31.58	25.34	.718	0.4	.T	
40	0.74	31.58	25.34	.717	0.4	.0	
45	0.74	31.58	25.34	.708	0.5	.0	

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	0.72	31.55	25.31	266.8	.000
10	0.73	31.55	25.31	266.8	.027
20	0.73	31.58	25.34	264.5	.054
30	0.75	31.58	25.34	264.6	.080

STATION 9

57-37 N 161-11 W 31 MAY 1939 1023 GCT
WEATHER O Z BAR 30.07 WIND O O SEA WNW 1
TEMPERATURE DRY 32 WET 31 DEPTH 54

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	0.76	31.67	25.41	.688	0.3	.0	0
5	0.69	31.67	25.41	.609	0.3	.0	0
10	0.64	31.67	25.41	.650	0.2	.0	0
15	0.68	31.69	25.43	.615	0.2	.0	0
20	0.67	31.69	25.43	.627	0.1	.0	0
30	0.69	31.69	25.43	.632	0.2	.0	0
40	0.68	31.69	25.43	.574	0.1	.0	0
50	0.67	31.69	25.43	.382	0.5	.0	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	0.76	31.67	25.41	257.8	.000
10	0.64	31.67	25.41	257.2	.026
20	0.67	31.69	25.43	255.8	.052
30	0.69	31.69	25.43	255.9	.078
50	0.67	31.69	25.43	255.7	.129

STATION 10

57-28 N 161-03 W 31 MAY 1939 1317 GCT
WEATHER O O S BAR 30.05 WIND O O SEA W 1
TEMPERATURE DRY 32 WET 31 DEPTH 70

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.17	31.83	25.51	.793	0.1	.0	0
5	1.16	31.83	25.51	.790	0.4	.0	0
10	1.11	31.83	25.52	.792	0.4	.0	0
15	1.12	31.83	25.52	.789	0.1	.0	0
20	1.11	31.83	25.52	.791	0.4	.0	0
30	1.10	31.83	25.52	.786	0.1	.0	0
40	1.11	31.85	25.53	.783	0.2	.0	0
50	1.09	31.85	25.53	.781	0.0	.T	0
60	1.13	31.85	25.53	.787	0.4	.T	0
65	1.13	31.85	25.53	.784	0.2	.T	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.17	31.83	25.51	247.8	.000
10	1.11	31.83	25.52	247.5	.025
20	1.11	31.83	25.52	247.5	.050
30	1.10	31.83	25.52	247.4	.075
50	1.09	31.85	25.53	245.8	.124

STATION 11

57-19 N 160-56 W 31 MAY 1939 1558 GCT
WEATHER C BAR 30.06 WIND 0 0 SEA NW 1
TEMPERATURE DRY 34 WET 32 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.31	31.89	25.55	.773	0.4	.T	0
5	1.34	31.89	25.55	.768	0.4	.T	0
10	1.29	31.91	25.57	.763	0.2	.T	0
15	1.30	31.92	25.58	.765	0.3	.T	0
20	1.31	31.92	25.58	.762	0.5	.T	0
30	1 30	31.92	25.58	.758	0.2	.T	0
40	1.30	31.92	25.58	.758	0.2	.T	0
50	1.29	31.92	25.58	.763	0.1	.T	0
60	1.32	31.92	25.58	.759	0.2	.1	0
65	1.33	31.42	25.18	.757	0.1	.1	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.31	31.89	25.55	244.1	.000
10	1.29	31.91	25.57	242.4	.024
20	1.31	31.92	25.58	241.8	.048
30	1.30	31.92	25.58	241.7	.072
50	1.29	31.92	25.58	241.6	.120

STATION 12

57-10 N 160-45 W 31 MAY 1939 1835 GCT
WEATHER C BAR 30.07 WIND NE 1 SEA 0 0
TEMPERATURE DRY 42 WET 40 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.64	31.94	25.57	.753	0.5	.10	0
5	1.56	31.94	25.58	.754	0.2	.10	0
10	1.49	31.96	25.60	.754	0.2	.10	0
15	1.53	31.92	25.56	.750	0.2	.10	0
20	1.52	31.94	25.58	.743	0.5	.10	0
30	1.51	31.94	25.58	.740	0.6	.10	0
40	1.50	31.94	25.58	.745	0.7	.10	0
50	1.47	31.94	25.58	.746	0.0	.10	0
60	1.48	31.94	25.58	.738	0.5	.10	0
65	1.50	31.96	25.60	.740	0.5	.10	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.64	31.94	25.57	242.3	.000
10	1.49	31.96	25.60	239.8	.024
20	1.52	31.94	25.58	241.5	.048
30	1.51	31.94	25.58	241.5	.072
50	1.47	31.94	25.58	241.2	.120

STATION 13

57-02 N 160-40 W 31 MAY 1939 2054 GCT
WEATHER C BAR 30.09 WIND NNE 1 SEA 0 0
TEMPERATURE DRY 35 WET 34 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.07	31.96	25.56	.740	0.6	.14	18
5	1.91	31.94	25.55	.746	0.7	.11	14
10	1.77	31.94	25.56	.748	0.1	.07	13
15	1.75	31.94	25.56	.739	0.6	.08	18
20	1.74	31.96	25.58	.677	0.5	.09	22
30	1.74	31.96	25.58	.739	0.4		20
40	1.72	31.94	25.57	.732	0.1		26
50	1.74	31.94	25.57	.730	0.3		24
60	1.73	31.94	25.57	.729	0.1		18
65	1.74	31.94	25.57	.728	0.5		20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.07	31.96	25.56	243.6	.000
10	1.77	31.94	25.56	243.1	.024
20	1.74	31.96	25.58	241.4	.048
30	1.74	31.96	25.58	241.4	.072
50	1.74	31.94	25.57	242.9	.120

STATION 14

56-52 N 160-32 W 31 MAY 1939 2322 GCT
WEATHER C BAR 30.11 WIND NE 2 SEA 0 0
TEMPERATURE DRY 36 WET 35 DEPTH 63

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.17	31.87	25.48	.733	0.75	.00	14
5	2.09	31.87	25.48	.737	0.70	.00	18
10	1.86	31.87	25.50	.738	0.05	.00	22
15	1.87	31.87	25.50	.737	0.03	.00	26
20	1.94	31.87	25.50	.733	1.20	.00	20
30	1.82	31.87	25.50	.723	0.75	.00	18
40	1.81	31.87	25.50	.726	0.60	.09	18
50	1.82	31.87	25.50	.719	0.80	.09	22
60	1.82	31.87	25.50	.578	0.75	.09	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.17	31.87	25.48	251.1	.000
10	1.86	31.87	25.50	249.0	.025
20	1.94	31.87	25.50	249.6	.050
30	1.82	31.87	25.50	248.8	.075
50	1.82	31.87	25.50	248.8	.125

STATION 15

56-43 N 160-24 W 01 JUN 1939 0228 GCT
WEATHER C BAR 30.08 WIND NE 2 SEA NE 1
TEMPERATURE DRY 36 WET 35 DEPTH 62

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.41	31.74	25.36	.678	0.82	.07	12
5	2.37	31.76	25.38		0.80	.06	10
10	2.29	31.76	25.38	.662	0.70	.08	12
15	2.20	31.76	25.39	.673	0.75	.06	12
20	2.17	31.76	25.39	.676	1.30	.05	0
30	2.15	31.76	25.39	.708	0.70	.03	0
40	2.12	31.78	25.41	.579	0.80	.04	10
50	2.09	31.78	25.41	.565	0.75	.06	12
60	2.10	31.78	25.41	.557	0.75	.08	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.41	31.74	25.36	262.7	.000
10	2.29	31.76	25.38	260.3	.026
20	2.17	31.76	25.39	259.5	.052
30	2.15	31.76	25.39	259.4	.078
50	2.09	31.78	25.41	257.4	.130

STATION 16

56-34 N 160-17 W 01 JUN 1939 0443 GCT
WEATHER C BAR 30.08 WIND NW 3 SEA NE 2
TEMPERATURE DRY 36 WET 34 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.86	31.49	25.12		0.45	.02	26
5	2.90	31.49	25.12	.713	0.40	.01	24
10	2.83	31.49	25.13	.716	0.55	.02	22
15	2.80	31.49	25.13	.715	0.50	.03	12
20	2.69	31.51	25.15	.707	0.55	.04	12
30	2.68	31.51	25.15	.695	0.25	.05	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.86	31.49	25.12	285.0	.000
10	2.83	31.49	25.13	284.8	.028
20	2.69	31.51	25.15	282.2	.056
30	2.68	31.51	25.15	282.2	.084

STATION 17

56-27 N 160-10 W 01 JUN 1939 0641 GCT
WEATHER C BAR 30.10 WIND NE 2 SEA NE 1
TEMPERATURE DRY 37 WET 35 DEPTH 14

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.82	30.64	24.36	.528	0.40	.0	10
5	3.80	30.64	24.37	.500	0.50	.0	8
10	3.74	30.70	24.42	.564	1.20	.0	30

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.82	30.64	24.36	357.2	.000
10	3.74	30.70	24.42	352.0	.035

STATION 18

56-36 N 159-57 W 01 JUN 1939 1526 GCT
WEATHER C BAR 30.14 WIND 0 0 SEA NNE 1
TEMPERATURE DRY 36 WET 35 DEPTH 16

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.84	30.70	24.41	.711	0.20	.0	0
5	3.72	30.91	24.59	.715	0.20	.0	0
10	3.66	30.95	24.63	.714	0.20	.0	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.84	30.70	24.41	352.8	.000
10	3.66	30.95	24.63	332.4	.034

STATION 19

56-44 N 160-02 W 01 JUN 1939 1710 GCT
WEATHER C BAR 30.14 WIND 0 0 SEA NNE 0
TEMPERATURE DRY 36 WET 35 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.00	31.40	25.04	.738	0.25	.00	0
5	2 80	31.49	25.13	.741	0.40	.00	0
10	2.77	31.49	25.13	.739	0.45	.01	0
15	2.71	31.51	25.15	.742	0.40	.01	0
20	2.61	31.51	25.16	.728	0.40	.02	0
30	2.53	31.53	25.18	.729	0.45	.03	0
40	2.46	31.55	25.20	.723	0.45	.02	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.00	31.40	25.04	292.9	.000
10	2.77	31.49	25.13	284.3	.029
20	2.61	31.51	25.16	281.6	.057
30	2 53	31.53	25.18	279.5	.085

STATION 20

56-52 N 160-10 W 01 JUN 1939 1905 GCT
WEATHER C BAR 30.17 WIND 0 0 SEA W 0
TEMPERATURE DRY 36 WET 35 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.12	31.76	25.39	.742	0.60	.08	4
5	2 04	31.76	25.40	.743	0.60	.07	4
10	2 00	31.78	25.42	.743	0.75	.09	6
15	2.04	31.78	25.42	.738	0.90	.07	10
20	2 04	31.78	25.42	.737	0.75	.09	10
30	2 03	31.78	25.42	.734	0.75	.06	6
40	2.00	31.80	25.44	.598	0.70	.07	10
50	1 96	31.80	25.44	.592	0.75	.10	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.12	31.76	25.39	259.1	.000
10	2 00	31.78	25.42	256.8	.026
20	2.04	31.78	25.42	257.1	.052
30	2.03	31.78	25.42	257.0	.078
50	1.96	31.80	25.44	255.0	.129

STATION 21

57-00 N 160-18 W 01 JUN 1939 2113 GCT
WEATHER C BAR 30.22 WIND 0 0 SEA 0 0
TEMPERATURE DRY 39 WET 38 DEPTH 67

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.11	31.85	25.47	.592	0.80	.09	12
5	1.95	31.85	25.48	.580	0.90	.08	12
10	1.88	31.85	25.48	.547	0.65	.08	14
15	1.91	31.85	25.48	.513	0.80	.08	14
20	1.90	31.85	25.48	.547	0.75	.08	14
30	1.90	31.85	25.48	.516	0.90	.07	12
40	1.90	31.85	25.48	.525	0.75	.07	16
50	1.90	31.85	25.48	.549	0.80	.08	15
60	1 90	31.85	25.48	.551	0.80	.08	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.11	31.85	25.47	252.2	.000
10	1.88	31.85	25.48	250.7	.025
20	1.90	31.85	25.48	250.8	.050
30	1.90	31.85	25.48	250.8	.075
50	1.90	31.85	25.48	250.8	.125

STATION 22

57-10 N 160-26 W 01 JUN 1939 2328 GCT
WEATHER O BAR 30.23 WIND 0 0 SEA
TEMPERATURE DRY 38 WET 37 DEPTH 66

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.05	31.85	25.47	.618	0.55	.02	24
5	1.65	31.85	25.50	.625	0.50	.01	6
10	1.57	31.83	25.49	.610	0.55	.02	8
15	1.57	31.83	25.49	.555	0.65	.02	14
20	1.55	31.83	25.49	.552	0.45	.03	9
30	1.55	31.83	25.49	.570	0.55	.02	10
40	1.54	31.85	25.51	.539	0.70	.02	12
50	1.53	31.85	25.51	.557	0.75	.02	12
60	1.57	31.85	25.50	.493	0.70	.03	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.05	31.85	25.47	251.8	.000
10	1.57	31.83	25.49	250.2	.025
20	1 55	31.83	25.49	250.1	.050
30	1.55	31.83	25.49	250.1	.075
50	1.53	31.85	25.51	248.4	.125

STATION 23

57-17 N 160-32 W 02 JUN 1939 0122 GCT
WEATHER C Z BAR 30.27 WIND ESE 1 SEA 0 0
TEMPERATURE DRY 40 WET 38 DEPTH 64

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.27	31.80	25.42	.531	0.40	.01	0
5	1.34	31.83	25.50	.538	0.25	.00	0
10	1.27	31.82	25.50	.586	0.45	.00	9
15	1.26	31.80	25.48	.586	0.45	.01	2
20	1.25	31.80	25.48	.612	0.25	.01	2
30	1.27	31.82	25.50	.610	0.45	.00	0
40	1.27	31.82	25.50	.607	0.55	.01	2
50	1.26	31.82	25.50	.601	0.60	.02	2
60	1.30	31.82	25.50	.577	0.55	.01	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.27	31.80	25.42	257.1	.000
10	1.27	31.82	25.50	249.2	.025
20	1.25	31.80	25.48	250.6	.050
30	1.27	31.82	25.50	249.1	.075
50	1.26	31.82	25.50	249.1	.125

STATION 24

57-24 N 160-38 W 02 JUN 1939 0329 GCT
WEATHER C Z BAR 30.27 WIND ESE 2 SEA WNW 1
TEMPERATURE DRY 39 WET 38 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.74	31.82	25.47		0.50	.01	2
5	1.41	31.83	25.50	.814	0.50	.00	2
10	1.24	31.83	25.51	.698	0.45	.01	2
15	1.23	31.83	25.51	.638	0.55	.01	2
20	1.22	31.83	25.51	.597	0.55	.01	2
30	1.21	31.83	25.51	.607	0.55	.01	2
40	1.21	31.83	25.51	.559	0.70	.01	4
50	1.21	31.82	25.50	.644	0.55	.02	3
55	1.22	31.83	25.51	.633	0.65	.01	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.74	31.82	25.47	252.0	.000
10	1.24	31.83	25.51	248.2	.025
20	1.22	31.83	25.51	248.1	.050
30	1.21	31.83	25.51	248.0	.075
50	1.21	31.82	25.50	248.8	.125

STATION 25

57-33 N 160-45 W 02 JUN 1939 0534 GCT
WEATHER C Z BAR 30.31 WIND ESE 1 SEA 0 0
TEMPERATURE DRY 37 WET 36 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.73	31.74	25.41	.789	0.20	.00	2
5	1.14	31.74	25.44	.807	0.45	.00	1
10	1.02	31.76	25.47	.808	0.45	.00	2
15	0.99	31.76	25.47	.798	0.50	.00	2
20	0.98	31.74	25.45	.791	0.45	.00	3
30	0.99	31.76	25.47	.783	0.50	.00	1
40	0.99	31.76	25.47	.783	0.55	.00	2
50	0.98	31.76	25.47	.781	0.50	.02	7
55	1.02	31.78	25.48	.777	0.55	.01	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.73	31.74	25.41	258.1	.000
10	1.02	31.76	25.47	252.3	.026
20	0.98	31.74	25.45	253.6	.051
30	0.99	31.76	25.47	252.1	.076
50	0.98	31.76	25.47	252.0	.126

STATION 26

57-41 N 160-55 W 02 JUN 1939 0807 GCT
WEATHER C Z BAR 30.36 WIND ESE 1 SEA 0 0
TEMPERATURE DRY 34 WET 33 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.04	31.62	25.35	.715	0.50	.00	3
5	1.05	31.67	25.39	.705	0.45	.01	1
10	0.76	31.65	25.39	.549	0.45	.00	2
15	0.74	31.67	25.41	.583	0.45	.01	2
20	0.73	31.65	25.39	.613	0.45	.00	7
30	0.75	31.65	25.39	.689	0.15	.01	1
40	0.74	31.65	25.39	.614	0.55	.00	2
50	0.74	31.67	25.41	.573	0.55	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.04	31.62	25.35	263.1	.000
10	0.76	31.65	25.39	259.3	.026
20	0.73	31.65	25.39	259.1	.052
30	0.75	31.65	25.39	259.2	.078
50	0.74	31.67	25.41	257.6	.130

STATION 27

57-50 N 161-03 W 02 JUN 1939 1014 GCT
WEATHER C Z BAR 30.32 WIND ESE 1 SEA 0 0
TEMPERATURE DRY 34 WET 33 DEPTH 50

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.01	31.62	25.35	.712	0.50	.00	3
5	1.02	31.64	25.37	.715	0.50	.00	2
10	1.00	31.62	25.35	.711	0.50	.00	3
15	1.01	31.62	25.35	.724	0.45	.00	3
20	1.02	31.62	25.35	.723	0.45	.00	5
30	1.02	31.62	25.35	.719	0.55	.00	2
40	1.00	31.62	25.35	.722	0.45	.00	3
45	1.00	31.64	25.37	.687	0.60	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.01	31.62	25.35	263.0	.000
10	1.00	31.62	25.35	262.9	.026
20	1.02	31.62	25.35	263.0	.052
30	1.02	31.62	25.35	263.0	.078

STATION 28

58-00 N 161-10 W 02 JUN 1939 1236 GCT
WEATHER BC BAR 30.35 WIND E 1 SEA WNW 1
TEMPERATURE DRY 34 WET 33 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.06	31.62	25.35	.716	0.45	.00	6
5	1.05	31.60	25.34	.698	0.50	.00	3
10	1.07	31.62	25.35	.692	0.50	.01	2
15	1.08	31.62	25.35	.716	0.50	.01	9
20	1.07	31.60	25.33	.714	0.50	.00	14
30	1.06	31.62	25.35	.712	0.50	.00	1
40	1.04	31.60	25.34	.718	0.50	.00	3
45	1.04	31.60	25.34	.672	0.50	.01	14

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.06	31.62	25.35	263.2	.000
10	1.07	31.62	25.35	263.3	.026
20	1.07	31.60	25.33	264.8	.052
30	1.06	31.62	25.35	263.2	.078

STATION 29

58-10 N 161-21 W 02 JUN 1939 1410 GCT
WEATHER BC BAR 30.35 WIND E 1 SEA WNW 1
TEMPERATURE DRY 34 WET 33 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.32	31.51	25.25	.715	0.40	.01	6
5	1.30	31.51	25.25	.715	0.45	.01	2
10	1.27	31.51	25.25	.715	0.45	.00	7
15	1.29	31.51	25.25	.713	0.45	.01	6
20	1.30	31.51	25.25	.713	0.35	.01	5
30	1.28	31.51	25.25	.711	0.30	.01	2
40	1.27	31.51	25.25	.702	0.45	.01	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.32	31.51	25.25	273.1	.000
10	1.27	31.51	25.25	272.8	.027
20	1.30	31.51	25.25	272.9	.054
30	1.28	31.51	25.25	272.8	.081

STATION 30

58-17 N 161-27 W 02 JUN 1939 1628 GCT
WEATHER BC BAR 30.34 WIND E 2 SEA WNW 1
TEMPERATURE DRY 35 WET 34 DEPTH 42

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.56	31.38	25.13	.636	0.45	.01	3
5	1.53	31.38	25.13	.639	0.45	.01	1
10	1.52	31.38	25.13	.680	0.45	.01	6
15	1.56	31.38	25.13	.622	0.45	.01	8
20	1.55	31.38	25.13	.666	0.60	.01	9
30	1.55	31.38	25.13	.683	0.55	.01	2
35	1.53	31.38	25.13	.681	0.45	.01	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.56	31.38	25.13	284.4	.000
10	1.52	31.38	25.13	284.1	.028
20	1.55	31.38	25.13	284.3	.056
30	1.55	31.38	25.13	284.3	.084

STATION 31

58-26 N 161-39 W 02 JUN 1939 1832 GCT
WEATHER BC BAR 29.39 WIND E 3 SEA WNW 1
TEMPERATURE DRY 40 WET 39 DEPTH 30

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.51	31.08	24.82	.660	0.50	.01	4
5	2.45	31.08	24.83	.659	0.45	.01	4
10	2.40	31.08	24.83	.662	0.50	.01	6
15	2.44	31.08	24.83	.522	0.50	.03	6
20	2.43	31.08	24.83	.660	0.55	.01	5
25	2.43	31.08	24.83	.657	0.50	.01	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.51	31.08	24.82	313.5	.000
10	2.40	31.08	24.83	312.7	.031
20	2.43	31.08	24.83	312.9	.062

STATION 32

58-36 N 161-43 W 02 JUN 1939 2038 GCT
WEATHER BC BAR 30.32 WIND E 2 SEA E 1
TEMPERATURE DRY 41 WET 39 DEPTH 20

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.34	30.84	24.57	.653	0.45	.01	2
5	3.26	30.88	24.60	.653	0.45	.02	3
10	3.17	30.88	24.61	.653	0.45	.01	4
15	3.12	30.88	24.62	.652	0.55	.02	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.34	30.84	24.57	338.0	.000
10	3.17	30.88	24.61	333.6	.034

STATION 33

58-32 N 161-27 W 02 JUN 1939 2248 GCT
WEATHER BC BAR 30.22 WIND E 2 SEA E 1
TEMPERATURE DRY 42 WET 39 DEPTH 20

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.52	30.82	24.53	.736	0.50	.02	2
5	3.33	30.81	24.54	.664	0.55	.02	4
10	3.28	30.81	24.55	.660	0.55	.01	25
15	3.31	30.81	24.54	.657	0.55	.01	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.52	30.82	24.53	341.0	.000
10	3.28	30.81	24.55	339.8	.034

STATION 34

58-35 N 161-16 W 03 JUN 1939 0100 GCT
WEATHER BC BAR 30.30 WIND E 3 SEA E 1
TEMPERATURE DRY 43 WET 42 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.19	30.77	24.43	.651	0.45	.01	2
5	4.02	30.77	24.45	.648	0.45	.01	2
10	3.85	30.79	24.48	.649	0.50	.01	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.19	30.77	24.43	350.7	.000
10	3.85	30.79	24.48	346.1	.035

STATION 35

58-29 N 161-17 W 03 JUN 1939 0528 GCT
WEATHER BC BAR 30.26 WIND ESE 4 SEA ESE 1
TEMPERATURE DRY 44 WET 42 DEPTH 23

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.94	30.91	24.57	.636	0.50	.00	1
5	3.92	30.93	24.59	.629	0.50	.00	1
10	3.90	30.95	24.60	.635	0.60	.00	1
15	3.92	30.97	24.62	.633	0.55	.00	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.94	30.91	24.57	337.8	.000
10	3.90	30.95	24.60	334.5	.034

STATION 36

58-31 N 161-49 W 03 JUN 1939 0755 GCT
WEATHER BC BAR 30.21 WIND ESE 4 SEA ESE 2
TEMPERATURE DRY 42 WET 41 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.33	31.11	24.86	.663	0.45	.00	0
5	2.33	31.13	24.88	.664	0.50	.00	1
10	2.28	31.13	24.88	.665	0.50	.00	1
15	2.18	31.09	24.86	.656	0.45	.00	0
20	2.05	31.13	24.90	.672	0.55	.00	1
30	1.96	31.15	24.92	.658		.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.33	31.11	24.86	309.9	.000
10	2.28	31.13	24.88	308.1	.031
20	2.05	31.13	24.90	306.5	.062
30	1.96	31.15	24.92	304.4	.093

STATION 37

58-26 N 160-55 W 06 JUN 1939 0019 GCT
WEATHER 0 BAR 29.60 WIND ESE 4 SEA ESE 2
TEMPERATURE DRY 41 WET 41 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.02	30.50	24.02	.587	0.45	.00	9
5	5.46	30.66	24.21	.570	0.40	.00	7
10	5.45	30.90	24.41	.557	0.40	.00	8
14	5.53	30.95	24.44	.489	0.45	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.02	30.50	24.02	389.6	.000
10	5.45	30.90	24.41	353.4	.037

STATION 38

58-17 N 160-48 W 06 JUN 1939 0157 GCT
WEATHER 0 BAR 29.61 WIND SE 3 SEA SE 2
TEMPERATURE DRY 41 WET 40 DEPTH 28

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.47	31.20	24.75	.616	0.45	.00	9
5	4.46	31.20	24.75	.612	0.37	.00	8
10	4.43	31.20	24.75	.618	0.35	.00	8
15	4.22	31.22	24.79	.538	0.42	.00	8
20	4.00	31.22	24.81	.598	0.40	.00	8
25	4.00	31.24	24.82	.488	0.42	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.47	31.20	24.75	320.8	.000
10	4.43	31.20	24.75	320.5	.032
20	4.00	31.22	24.81	315.1	.064

STATION 39

58-08 N 160-39 W 06 JUN 1939 0343 GCT
WEATHER O BAR 29.59 WIND SE 3 SEA S 2
TEMPERATURE DRY 38 WET 38 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.05	31.29	25.02	.685	0.38	.00	8
5	1.99	31.29	25.03	.683	0.37	.00	7
10	1.90	31.29	25.03	.682	0.37	.00	7
15	1.82	31.29	25.04	.683	0.37	.00	6
20	1.81	31.29	25.04	.683	0.55	.00	7
30	1.81	31.29	25.04	.681	0.35	.00	6
40	1.81	31.29	25.04	.680	0.40	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.05	31.29	25.02	294.4	.000
10	1.90	31.29	25.03	293.4	.029
20	1.81	31.29	25.04	292.8	.058
30	1.81	31.29	25.04	292.8	.087

STATION 40

57-59 N 160-31 W 06 JUN 1939 0601 GCT
WEATHER O D BAR 29.59 WIND SE 3 SEA S 2
TEMPERATURE DRY 37 WET 37 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.71	31.44	25.17	.715	0.80	.00	6
5	1.70	31.44	25.17	.708	0.37	.00	5
10	1.60	31.44	25.17	.718	0.48	.00	5
15	1.52	31.44	25.18	.716	0.40	.00	5
20	1.49	31.44	25.18	.709	0.35	.00	5
30	1.46	31.44	25.18	.713	0.43	.00	5
40	1.45	31.44	25.18	.710	0.40	.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.71	31.44	25.17	280.8	.000
10	1.60	31.44	25.17	280.1	.028
20	1.49	31.44	25.18	279.4	.056
30	1.46	31.44	25.18	279.2	.084

STATION 41

57-49 N 160-23 W 06 JUN 1939 0756 GCT
WEATHER O R BAR 29.61 WIND SE 2 SEA S 2
TEMPERATURE DRY 37 WET 37 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.49	31.51	25.24	.705	0.40	.00	0
5	1.42	31.51	25.24	.658	0.40	.00	0
10	1.19	31.55	25.29	.640	0.48	.00	0
15	1.21	31.55	25.29	.656	0.43	.00	0
20	1.20	31.55	25.29	.600	0.43	.00	0
30	1.20	31.56	25.30	.575	0.43	.00	0
40	1.19	31.56	25.30	.730	0.40	.00	0
45	1.20	31.67	25.38	.693	0.45	.00	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.49	31.51	25.24	274.1	.000
10	1.19	31.55	25.29	269.3	.027
20	1.20	31.55	25.29	269.3	.054
30	1.20	31.56	25.30	268.5	.081

STATION 42

57-40 N 160-15 W 06 JUN 1939 1028 GCT
WEATHER O R BAR 29.62 WIND SE 1 SEA S 1
TEMPERATURE DRY 35 WET 35 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.32	31.64	25.35	.745	0.40	.00	2
5	1.22	31.64	25.36	.736	0.40	.00	5
10	1.16	31.64	25.36	.517	0.42	.00	4
15	1.04	31.64	25.37	.733	0.40	.00	6
20	1.00	31.64	25.37	.628	0.42	.00	4
30	0.96	31.64	25.37	.723	0.42	.00	6
40	0.97	31.64	25.37	.646	0.42	.00	9
50	0.98	31.64	25.37	.712	0.42	.00	4
55	1.00	31.64	25.37	.663	0.43	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.32	31.64	25.35	263.2	.000
10	1.16	31.64	25.36	262.2	.026
20	1.00	31.64	25.37	261.3	.052
30	0.96	31.64	25.37	261.1	.078
50	0.98	31.64	25.37	261.2	.130

STATION 43

57-31 N 160-07 W 06 JUN 1939 1226 GCT
WEATHER O P BAR 29.61 WIND SE 2 SEA SW 1
TEMPERATURE DRY 37 WET 37 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.28	31.64	25.35	.722		.00	
5	1.23	31.64	25.36	.745	0.43	.00	1
10	1.12	31.64	25.36	.758	0.43	.00	3
15	1.04	31.64	25.37	.745	0.40	.00	0
20	1.06	31.64	25.37	.740	0.40	.00	4
30	1.04	31.64	25.37	.733	0.10	.00	4
40	1.04	31.64	25.37	.737	0.00	.00	2
50	1.02	31.64	25.37	.742	0.40	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.28	31.64	25.35	262.9	.000
10	1.12	31.64	25.36	262.0	.026
20	1.06	31.64	25.37	261.7	.052
30	1.04	31.64	25.37	261.5	.078
50	1.02	31.64	25.37	261.4	.130

STATION 44

57-22 N 159-59 W 06 JUN 1939 1435 GCT
WEATHER C BAR 29.60 WIND SE 2 SEA SW 1
TEMPERATURE DRY 38 WET 38 DEPTH 59

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.18	31.64	25.36	.629	0.43	.00	4
5	1.15	31.64	25.36	.496	0.43	.00	3
10	1.08	31.64	25.37	.622	0.43	.00	6
15	1.08	31.64	25.37	.557	0.43	.00	5
20	1.07	31.64	25.37	.539	0.43	.00	4
30	1.06	31.64	25.37	.541	0.43	.00	3
40	1.05	31.64	25.37	.617	0.45	.00	3
50	1.04	31.64	25.37	.607	0.43	.00	4
55	1.04	31.64	25.37	.536	0.40	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	1.18	31.64	25.36	262.4	.000
10	1.08	31.64	25.37	261.8	.026
20	1.07	31.64	25.37	261.7	.052
30	1.06	31.64	25.37	261.7	.078
50	1.04	31.64	25.37	261.5	.130

STATION 45

57-14 N 159-50 W 06 JUN 1939 1638 GCT
WEATHER C BAR 29.61 WIND SE 3 SEA SW 2
TEMPERATURE DRY 40 WET 39 DEPTH 60

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.05	31.71	25.36	.758	0.83	.00	4
5	2.03	31.71	25.36	.727	0.33	.00	3
10	1.98	31.71	25.36	.666	0.40	.00	6
15	2.00	31.71	25.36	.716	0.35	.00	10
20	2.00	31.71	25.36	.716	0.23	.00	7
30	2.02	31.71	25.36	.715	0.37	.00	3
40	1.99	31.73	25.38	.740	0.30	.00	10
50	1.98	31.73	25.38	.736	0.33	.00	5
55	1.98	31.73	25.38	.605	0.45	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.05	31.71	25.36	262.4	.000
10	1.98	31.71	25.36	262.0	.026
20	2.00	31.71	25.36	262.1	.052
30	2.02	31.71	25.36	262.2	.078
50	1.98	31.73	25.38	260.5	.130

STATION 46

57-05 N 159-43 W 06 JUN 1939 1841 GCT
WEATHER C BAR 29.62 WIND SE 1 SEA SW 2
TEMPERATURE DRY 40 WET 39 DEPTH 60

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.43	31.71	25.33	.751	0.33	.01	4
5	2.42	31.65	25.28	.688	0.32	.01	3
10	2.34	31.65	25.29	.438	0.40	.01	9
15	2.31	31.67	25.31	.511	0.55	.01	8
20	2.30	31.69	25.33	.727	0.42	.00	5
30	2.28	31.69	25.33	.736	0.33	.00	2
40	2.24	31.71	25.35	.738	0.40	.02	5
50	2.24	31.73	25.36	.738	0.47	.01	11
55	2.26	31.73	25.36	.554	0.47	.02	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.43	31.71	25.33	265.1	.000
10	2.34	31.65	25.29	269.0	.027
20	2.30	31.69	25.33	265.7	.054
30	2.28	31.69	25.33	265.6	.081
50	2.24	31.73	25.36	262.3	.134

STATION 47

56-56 N 159-35 W 06 JUN 1939 2040 GCT
WEATHER C BAR 29.62 WIND SE 1 SEA SW 2
TEMPERATURE DRY 42 WET 40 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.92	31.64	25.24	.698	0.47	.02	7
5	2.90	31.64	25.24	.714	0.45	.02	3
10	2.49	31.71	25.33	.018	0.47	.02	11
15	2.46	31.73	25.35	.691	0.47	.04	5
20	2.46	31.74	25.35	.703	0.42	.02	7
30	2.33	31.76	25.38	.655	0.43	.03	4
40	2.33	31.78	25.40	.706	0.42	.04	8
50	2.33	31.78	25.40	.726	0.50	.05	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	2.92	31.64	25.24	274.1	.000
10	2.49	31.71	25.33	265.5	.027
20	2.46	31.74	25.35	263.1	.053
30	2.33	31.76	25.38	260.6	.079
50	2.33	31.78	25.40	259.1	.131

STATION 48

56-47 N 159-27 W 06 JUN 1939 2233 GCT
WEATHER C BAR 29.63 WIND SE 1 SEA SW 1
TEMPERATURE DRY 43 WET 41 DEPTH 44

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.82	31.35	24.93	.705	0.32	.01	10
5	3.74	31.38	24.96	.705	0.35	.01	3
10	3.17	31.42	25.04	.709	0.47	.01	10
15	3.15	31.42	25.04	.712	0.40	.01	10
20	3.13	31.44	25.06	.705	0.42	.01	10
30	3.13	31.44	25.06	.704	0.65	.01	6
40	3.07	31.46	25.08	.701	0.45	.01	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	3.82	31.35	24.93	303.5	.000
10	3.17	31.42	25.04	292.8	.030
20	3.13	31.44	25.06	291.0	.059
30	3.13	31.44	25.06	291.0	.088

STATION 49

56-43 N 159-24 W 07 JUN 1939 0006 GCT
WEATHER C BAR 29.63 WIND SE 2 SEA SW 1
TEMPERATURE DRY 44 WET 42 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.73	31.11	24.75	.659	0.45	.00	1
5	3.73	31.09	24.73	.646	0.42	.00	2
10	3.70	31.26	24.87	.599	0.42	.00	2
15	3.39	31.27	24.90	.658	0.43	.00	2
20	3.38	31.26	24.90	.641	0.43	.00	2
25	3.39	31.26	24.90	.527	0.45	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.73	31.11	24.75	320.9	.000
10	3.70	31.26	24.87	309.3	.032
20	3.38	31.26	24.90	306.6	.063

STATION 50

56-51 N 159-11 W 07 JUN 1939 0158 GCT
WEATHER C BAR 29.65 WIND SE 1 SEA SW 1
TEMPERATURE DRY 48 WET 45 DEPTH 30

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.99	31.22	24.81	.687	0.43	.00	2
5	3.99	31.24	24.82	.690	0.42	.00	2
10	3.35	31.22	24.87	.693	0.40	.00	1
15	3.19	31.29	24.94	.691	0.47	.00	1
20	3.16	31.31	24.95	.687	0.45	.00	2
25	3.12	31.36	25.00	.688	0.43	.00	1

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.99	31.22	24.81	314.9	.000
10	3.35	31.22	24.87	309.4	.031
20	3.16	31.31	24.95	301.0	.062

STATION 51

57-00 N 159-19 W 07 JUN 1939 0412 GCT
WEATHER C BAR 29.65 WIND SE 2 SEA SE 1
TEMPERATURE DRY 49 WET 45 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.10	31.40	25.03	.612	0.35	.00	1
5	2.97	31.46	25.09	.422	0.28	.00	0
10	2.86	31.46	25.10	.502	0.35	.00	1
15	2.88	31.46	25.10	.705	0.28	.00	2
20	2.88	31.46	25.10	.708	0.30	.00	1
30	2.90	31.46	25.10	.707	0.35	.00	1
40	2.81	31.46	25.10	.693	0.42	.00	2
45	2.87	31.46	25.10	.693	0.47	.00	1

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.10	31.40	25.03	293.7	.000
10	2.86	31.46	25.10	287.3	.029
20	2.88	31.46	25.10	287.5	.058
30	2.90	31.46	25.10	287.6	.087

STATION 52

57-09 N 159-26 W 07 JUN 1939 0621 GCT
WEATHER C BAR 29.67 WIND S 1 SEA SE 1
TEMPERATURE DRY 42 WET 42 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.10	31.58	25.17	.736	0.50	.00	2
5	2.98	31.60	25.20	.705	0.47	.00	2
10	2.61	31.60	25.23	.727	0.47	.00	2
15	2.27	31.60	25.26	.687	0.55	.00	2
20	2.23	31.60	25.26	.739	0.50	.00	2
30	2.22	31.60	25.26	.707	0.50	.00	2
40	2.19	31.60	25.26	.712	0.50	.00	2
50	2.18	31.58	25.25	.682	0.50	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.10	31.58	25.17	280.1	.000
10	2.61	31.60	25.23	274.8	.028
20	2.23	31.60	25.26	272.1	.055
30	2.22	31.60	25.26	272.0	.082
50	2.18	31.58	25.25	273.2	.137

STATION 53

57-47 N 157-47 W 14 JUN 1939 2309 GCT
WEATHER C F BAR 30.12 WIND SW 5 SEA SW 3
TEMPERATURE DRY 45 WET 43 DEPTH 12

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.77	29.25	23.07	.637	5.5	.00	16
5	5.67	29.40	23.20	.635	5.2	.00	18
10	5.40	29.74	23.50	.628	5.3	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.77	29.25	23.07	480.8	.000
10	5.40	29.74	23.50	440.1	.046

STATION 54

57-47 N 157-47 W 16 JUN 1939 2301 GCT
WEATHER O Z BAR 29.90 WIND SW 4 SEA SW 2
TEMPERATURE DRY 43 WET 42 DEPTH 11

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.79	29.60	23.34	.334	8*	.00	24
4	5.81	29.60	23.34	.542	8*	.00	24
8	5.56	29.78	23.51	.581	9*	.00	24

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.79	29.60	23.34	454.7	.000

STATION 55

57-56 N 157-50 W 17 JUN 1939 0106 GCT
WEATHER O Z BAR 29.91 WIND SW 3 SEA SW 2
TEMPERATURE DRY 44 WET 43 DEPTH 15

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.22	29.22	22.99	.600	3.2	.00	6
5	5.99	29.25	23.04	.616	4.1	.00	6
10	5.92	29.29	23.08	.519	3.2	.00	6
13	5.93	29.31	23.10	.490	4.1	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.22	29.22	22.99	487.9	.000
10	5.92	29.29	23.08	479.4	.048

STATION 56

58-06 N 157-50 W 17 JUN 1939 0249 GCT
WEATHER O P Z BAR 29.89 WIND SW 3 SEA SW 2
TEMPERATURE DRY 44 WET 43 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.10	28.44	22.28	.605	5.2	.00	6
5	7.08	28.46	22.29	.533	4.9	.00	6
10	7.00	28.46	22.30	.544	4.1	.00	6
14	6.95	28.53	22.37	.402	5.9	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.10	28.44	22.28	556.6	.000
10	7.00	28.46	22.30	554.0	.056

STATION 57

58-17 N 157-46 W 17 JUN 1939 0419 GCT
WEATHER O P Z BAR 29.87 WIND SW 3 SEA SW 1
TEMPERATURE DRY 44 WET 43 DEPTH 13

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.36	27.97	21.88	.553	4.5	.00	6
5	7.36	28.03	21.92	.594	5.3	.00	6
10	7.28	28.03	21.93	.562	5.0	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.36	27.97	21.88	595.0	.000
10	7.28	28.03	21.93	589.6	.059

STATION 58

58-20 N 158-04 W 17 JUN 1939 0544 GCT
WEATHER O Z BAR 29.85 WIND SW 2 SEA SW 1
TEMPERATURE DRY 45 WET 44 DEPTH 24

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.20	27.95	22.00	.587	4.8	.00	20
5	6.05	28.03	22.08	.625	4.5	.00	21
10	5.88	28.12	22.17	.587	4.6	.00	22
15	5.81	28.17	22.21	.622	5.0	.00	26
20	5.82	28.17	22.21	.623	5.0	.00	23

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	6.20	27.95	22.00	583.2	.000
10	5.88	28.12	22.17	567.0	.058
20	5.82	28.17	22.21	562.7	.114

STATION 59

58-25 N 158-20 W 17 JUN 1939 0722 GCT
WEATHER C Z BAR 29.85 WIND SW 2 SEA SW 1
TEMPERATURE DRY 44 WET 44 DEPTH 21

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.48	28.42	22.45	.638	6.2	.00	T
5	5.53	28.42	22.44	.631	6.2	.00	T
10	5.52	28.46	22.47	.631	6.2	.00	T
15	5.52	28.46	22.47	.527	6.5	.00	T
18	5.52	28.46	22.47	.612	6.5	.00	T

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.48	28.42	22.45	540.3	.000
10	5.52	28.46	22.47	537.7	.054

STATION 60

58-27 N 158-37 W 17 JUN 1939 0857 GCT
WEATHER C Z BAR 29.83 WIND WSW 4 SEA WSW 2
TEMPERATURE DRY 46 WET 45 DEPTH 22

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.29	22.79	17.83	.620	6.4	.00	T
5	6.88	24.78	19.44	.608		.00	T
10	6.59	25.57	20.09	.540	7.0	.00	T
15	6.42	25.91	20.37	.574	6.4	.00	T
18	6.42	25.99	20.44	.570	6.9	.00	T

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.29	22.79	17.83	983.8	.000
10	6.59	25.57	20.09	766.6	.088

STATION 61

58-18 N 158-27 W 17 JUN 1939 1048 GCT
WEATHER O Z BAR 29.84 WIND WSW 4 SEA WSW 3
TEMPERATURE DRY 42 WET 42 DEPTH 26

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.39	29.38	23.31	.647	5.2	.00	6
5	4.41	29.38	23.31	.664	4.4	.00	6
10	4.40	29.43	23.35	.662	4.2	.00	7
15	4.40	29.43	23.35	.655	4.0	.00	2
20	4.41	29.43	23.35	.654	4.9	.00	2
23	4.37	29.43	23.36	.657	4.5	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.39	29.38	23.31	457.4	.000
10	4.40	29.43	23.35	453.8	.046
20	4.41	29.43	23.35	453.9	.091

STATION 62

58-10 N 158-18 W 17 JUN 1939 1241 GCT
WEATHER O F BAR 29.83 WIND WSW 5 SEA W 5
TEMPERATURE DRY 41 WET 40 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.23	29.99	23.81	.656	4.3	.00	2
5	4.28	29.99	23.81	.654	4.0	.00	T
10	4.26	29.99	23.81	.641	3.8	.00	2
15	4.25	29.99	23.81	.627	3.9	.00	2
20	4.27	29.99	23.81	.658	3.5	.00	2
25	4.27	29.99	23.81	.658	5.4	.00	2
28	4.25	29.99	23.81	.616	4.2	.00	T

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.23	29.99	23.81	409.9	.000
10	4.26	29.99	23.81	410.2	.041
20	4.27	29.99	23.81	410.3	.082

STATION 63

58-01 N 158-10 W 17 JUN 1939 1437 GCT
WEATHER O F BAR 29.87 WIND WSW 5 SEA W 4
TEMPERATURE DRY 41 WET 40 DEPTH 27

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.01	30.28	23.96	.643	3.5	.00	T
5	5.00	30.30	23.98	.643	3.5	.00	T
10	5.02	30.32	23.99	.639	3.2	.00	T
15	4.88	30.37	24.05	.597	3.0	.00	T
20	4.87	30.39	24.06	.626	3.3	.00	0
24	4.90	30.39	24.06	.631	3.3	.00	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.01	30.28	23.96	395.4	.000
10	5.02	30.32	23.99	392.6	.039
20	4.87	30.39	24.06	385.9	.078

STATION 64

57-52 N 158-03 W 17 JUN 1939 1525 GCT
WEATHER O F BAR 29.87 WIND WSW 5 SEA W 4
TEMPERATURE DRY 41 WET 40 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.48	30.16	23.82	.626	3.4	.00	4
5	5.46	30.16	23.82	.620	3.5	.00	4
10	5.41	30.19	23.85	.630	3.2	.00	4
15	5.42	30.21	23.86	.624	3.2	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.48	30.16	23.82	409.3	.000
10	5.41	30.19	23.85	406.4	.041

STATION 65

57-30 N 158-05 W 18 JUN 1939 0020 GCT
WEATHER O Z BAR 29.90 WIND WSW 4 SEA SW 3
TEMPERATURE DRY 42 WET 42 DEPTH 22

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.00	30.21	23.91	.647	4.9	.00	12
5	4.94	30.21	23.92	.651	4.9	.00	12
10	4.63	30.43	24.12	.636	4.0	.00	10
15	4.42	30.82	24.45	.636	5.5	.00	8
19	4.44	30.88	24.50	.640	5.3	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.00	30.21	23.91	400.6	.000
10	4.63	30.43	24.12	380.5	.039

STATION 66

57-39 N 158-12 W 18 JUN 1939 0208 GCT
WEATHER O Z BAR 29.90 WIND WSW 3 SEA W 3
TEMPERATURE DRY 41 WET 40 DEPTH 33

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.24	30.95	24.57	.672	3.4	.00	6
5	4.04	30.97	24.61	.644	3.5	.00	2
10	3.98	30.99	24.63	.643	7.0	.00	T
15	3.71	31.08	24.72	.666	5.2	.00	T
20	3.62	31.11	24.76	.636	4.0	.00	T
29	3.63	31.11	24.75	.628	5.8	.00	T

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.24	30.95	24.57	337.5	.000
10	3.98	30.99	24.63	332.2	.033
20	3.62	31.11	24.76	320.0	.066

STATION 67

57-48 N 158-24 W 18 JUN 1939 0402 GCT
WEATHER O Z BAR 29.90 WIND WSW 3 SEA W 1
TEMPERATURE DRY 40 WET 41 DEPTH 38

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.22	30.75	24.41	.668	4.5	.00	T
5	4.08	30.77	24.44	.671	3.2	.00	T
10	3.87	30.93	24.59	.672	3.0	.00	T
15	3.80	30.95	24.61	.676	3.2	.00	T
20	3.73	30.95	24.62	.642	3.0	.00	2
30	3.69	30.99	24.65	.678	3.0	.00	T
35	3.62	31.02	24.68	.671	3.2	.00	T

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.22	30.75	24.41	352.4	.000
10	3.87	30.93	24.59	335.7	.034
20	3.73	30.95	24.62	333.0	.067
30	3.69	30.99	24.65	329.7	.100

STATION 68

57-55 N 158-27 W 18 JUN 1939 0528 GCT
WEATHER C BAR 29.90 WIND WSW 3 SEA W 1
TEMPERATURE DRY 41 WET 41 DEPTH 37

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.85	30.19	23.91	.662	3.0	.00	T
5	4.71	30.26	23.98	.644	4.2	.00	0
10	3.44	30.88	24.59	.615	4.4	.00	T
15	3.22	30.99	24.70	.691	4.2	.00	0
20	3.14	31.08	24.77	.676	4.2	.00	0
30	3.12	31.08	24.78	.678	4.4	.00	0
34	3.12	31.08	24.78	.663	4.8	.00	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.85	30.19	23.91	400.6	.000
10	3.44	30.88	24.59	335.8	.037
20	3.14	31.08	24.77	318.3	.070
30	3.12	31.08	24.78	318.1	.102

STATION 69

58-06 N 158-35 W 18 JUN 1939 0730 GCT
WEATHER C BAR 29.86 WIND WSW 3 SEA SW 1
TEMPERATURE DRY 40 WET 40 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.62	28.75	22.69	.637	5.0	.00	T
5	3.48	30.57	24.34	.680	5.8	.00	2
10	3.13	30.86	24.60	.637	6.3	.00	T
15	3.11	30.88	24.62	.681	6.3	.00	T
20	3.12	30.90	24.63	.674	6.4	.00	0
30	3.13	30.90	24.63	.681	6.5	.00	0
35	3.11	30.91	24.64	.682	6.4	.00	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	5.62	28.75	22.69	516.8	.000
10	3.13	30.86	24.60	334.8	.043
20	3.12	30.90	24.63	331.8	.076
30	3.13	30.90	24.63	331.9	.109

STATION 70

58-15 N 158-43 W 18 JUN 1939 0913 GCT
WEATHER O BAR 29.86 WIND WSW 3 SEA WSW 1
TEMPERATURE DRY 40 WET 40 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.49	25.23	19.83	.636	6.0	.00	8
5	5.91	26.33	20.76	.637	6.0	.00	6
10	3.35	30.43	24.24	.667	6.4	.00	0
15	3.32	30.48	24.28	.672	6.5	.00	0
20	3.29	30.48	24.28	.670	6.3	.00	0
30	3.30	30.50	24.30	.664	6.3	.00	0
35	3.27	30.52	24.32	.668	6.9	.00	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	6.49	25.23	19.83	791.2	.000
10	3.35	30.43	24.24	369.2	.058
20	3.29	30.48	24.28	364.9	.095
30	3.30	30.50	24.30	363.5	.131

STATION 71

58-27 N 159-37 W 19 JUN 1939 0021 GCT
WEATHER O F Z BAR 29.81 WIND WSW 3 SEA SW 2
TEMPERATURE DRY 41 WET 40 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.12	25.90	20.16	.595	2.5	.00	6
5	7.46	26.49	20.70	.598	2.0	.00	6
10	3.50	30.61	24.37	.664	4.5	.00	2
15	3.48	30.62	24.38	.663	4.2	.00	2
20	3.53	30.64	24.39	.658	5.2	.00	0
30	3.55	30.64	24.39	.657	5.0	.00	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.12	25.90	20.16	759.5	.000
10	3.50	30.61	24.37	356.8	.056
20	3.53	30.64	24.39	354.8	.092
30	3.55	30.64	24.39	355.0	.127

STATION 72

58-24 N 159-33 W 19 JUN 1939 0140 GCT
WEATHER O F Z BAR 29.81 WIND WSW 4 SEA SW 2
TEMPERATURE DRY 42 WET 42 DEPTH 32

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.34	26.62	20.82	.615	3.1	.00	2
5	6.97	26.85	21.05	.016	4.8	.00	4
10	3.58	30.12	23.97	.668	4.2	.00	4
15	3.20	30.62	24.40	.568	4.2	.00	6
20	3.15	30.68	24.45	.668	4.9	.00	4
29	3.14	30.70	24.47	.666	4.1	.00	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.34	26.62	20.82	696.0	.000
10	3.58	30.12	23.97	394.5	.055
20	3.15	30.68	24.45	348.7	.092

STATION 73

58-15 N 159-25 W 19 JUN 1939 0326 GCT
WEATHER O F Z BAR 29.80 WIND WSW 4 SEA SW 3
TEMPERATURE DRY 43 WET 43 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.51	25.05	19.57	.612	3.8	.00	4
5	7.47	25.07	19.59	.624	2.9	.00	2
10	3.01	30.68	24.47	.675	4.9	.00	0
15	2.96	30.70	24.49	.672	4.3	.00	0
20	2.95	30.72	24.50	.670	4.8	.00	0
30	2.97	30.75	24.52	.668	4.8	.00	0
35	2.93	30.75	24.53	.668	4.8	.00	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.51	25.05	19.57	816.0	.000
10	3.01	30.68	24.47	347.5	.058
20	2.95	30.72	24.50	344.1	.093
30	2.97	30.75	24.52	342.0	.127

STATION 74

58-09 N 159-17 W 19 JUN 1939 0515 GCT
WEATHER O F BAR 29.81 WIND WSW 4 SEA SW 3
TEMPERATURE DRY 42 WET 42 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.34	27.90	22.05	.643	2.8	.00	0
5	5.28	28.69	22.68	.647	3.9	.00	0
10	3.57	29.31	23.33	.681	4.0	.00	0
15	2.84	29.87	23.84	.666	4.2	.00	2
20	2.83	29.90	23.86	.630	4.2	.00	0
30	2.84	29.92	23.87	.638	6.0	.00	1
35	2.81	29.92	23.88	.730	4.8	.00	1

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.34	27.90	22.05	578.1	.000
10	3.57	29.31	23.33	455.7	.052
20	2.83	29.90	23.86	405.3	.095
30	2.84	29.92	23.87	403.9	.135

STATION 75

57-58 N 159-09 W 19 JUN 1939 0702 GCT
WEATHER O BAR 29.83 WIND WSW 4 SEA SW 4
TEMPERATURE DRY 41 WET 41 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.86	28.46	22.54	.635			
5	4.85	28.46	22.54	.657			
10	2.95	29.97	23.91	.723			
15	2.46	30.28	24.19	.671			
20	2.43	30.28	24.19	.649			
30	2.46	31.18	24.91	.697			
40	2.45	31.20	24.92	.722			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.86	28.46	22.54	531.2	.000
10	2.95	29.97	23.91	400.9	.047
20	2.43	30.28	24.19	373.6	.086
30	2.46	31.18	24.91	305.6	.120

STATION 76

57-48 N 159-01 W 19 JUN 1939 0853 GCT
WEATHER O BAR 29.83 WIND WSW 4 SEA SW 2
TEMPERATURE DRY 40 WET 39 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.61	28.75	22.69	.642			
5	2.90	31.09	24.80	.696			
10	2.74	31.29	24.97	.711			
15	2.69	31.33	25.01	.656			
20	2.70	31.33	25.01	.712			
30	2.71	31.33	25.01	.708			
40	2.68	31.33	25.01	.710			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.61	28.75	22.69	516.7	.000
10	2.74	31.29	24.97	299.3	.041
20	2.70	31.33	25.01	295.9	.071
30	2.71	31.33	25.01	296.0	.101

STATION 77

57-39 N 158-53 W 19 JUN 1939 1054 GCT
WEATHER O BAR 29.83 WIND WSW 3 SEA SW 2
TEMPERATURE DRY 38 WET 37 DEPTH 48

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.11	30.88	24.53	.675			
5	3.66	31.24	24.86	.690			
10	3.52	31.35	24.96	.693			
15	3.50	31.35	24.96	.696			
20	3.50	31.36	24.96	.693			
30	3.51	31.36	24.96	.692			
40	3.47	31.35	24.96	.690			
44	3.46	31.35	24.96	.690			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	4.11	30.88	24.53	341.6	.000
10	3.52	31.35	24.96	301.0	.032
20	3.50	31.36	24.96	300.1	.062
30	3.51	31.36	24.96	300.2	.092

STATION 78

57-31 N 158-46 W 19 JUN 1939 1253 GCT
WEATHER O BAR 29.84 WIND WSW 3 SEA SW 2
TEMPERATURE DRY 38 WET 37 DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.97	31.31	24.88	.685			
5	3.89	31.31	24.89	.683			
10	3.90	31.29	24.87	.684			
15	3.85	31.33	24.91	.686			
20	3.78	31.31	24.90	.687			
30	3.78	31.31	24.90	.684			
35	3.82	31.31	24.90	.681			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	3.97	31.31	24.88	307.9	.000
10	3.90	31.29	24.87	308.8	.031
20	3.78	31.31	24.90	306.3	.062
30	3.78	31.31	24.90	306.3	.093

STATION 79

57-13 N 158-25 W 19 JUN 1939 1427 GCT
WEATHER O Z BAR 29.85 WIND WSW 3 SEA SW 2
TEMPERATURE DRY 39 WET 38 DEPTH 22

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.85	30.91	24.48	.645			
5	4.79	30.91	24.48	.640			
10	4.81	30.95	24.51	.570			
15	4.80	30.95	24.51	.643			
20	4.80	30.95	24.51	.646			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.85	30.91	24.48	346.4	.000
10	4.81	30.95	24.51	343.0	.034
20	4.80	30.95	24.51	343.0	.068

STATION 80

57-08 N 158-32 W 19 JUN 1939 1527 GCT
WEATHER O Z BAR 29.86 WIND WSW 3 SEA SW 2
TEMPERATURE DRY 39 WET 38 DEPTH 19

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.45	30.30	23.93	.643			
5	5.37	30.30	23.94	.638			
10	5.29	30.59	24.18	.643			
15	5.27	30.64	24.22	.640			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.45	30.30	23.93	398.4	.000
10	5.29	30.59	24.18	375.0	.039

STATION 81

57-01 N 158-38 W 19 JUN 1939 1702 GCT
WEATHER 0 Z BAR 29.89 WIND WSW 3 SEA SW 2
TEMPERATURE DRY 40 WET 40 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.31	30.53	24.13	.644			
5	5.23	30.59	24.18	.689			
10	5.18	30.64	24.23	.643			
15	5.08	30.72	24.30	.654			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.31	30.53	24.13	379.7	.000
10	5.18	30.64	24.23	370.1	.037

STATION 82

57-04 N 158-55 W 19 JUN 1939 1904 GCT
WEATHER 0 BAR 29.91 WIND WSW 3 SEA SW 2
TEMPERATURE DRY 39 WET 39 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.43	31.29	24.82	.665			
5	4.41	31.31	24.84	.684			
10	4.44	31.33	24.85	.687			
15	4.36	31.33	24.86	.671			
20	4.25	31.35	24.89	.656			
30	4.11	31.38	24.92	.669			
35	4.04	31.40	24.95	.669			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.43	31.29	24.82	313.7	.000
10	4.44	31.33	24.85	310.8	.031
20	4.25	31.35	24.89	307.6	.062
30	4.11	31.38	24.92	304.0	.093

STATION 83

57-08 N 158-46 W 19 JUN 1939 2025 GCT
WEATHER O BAR 29.89 WIND W 3 SEA SW 2
TEMPERATURE DRY 40 WET 40 DEPTH 44

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.93	31.31	24.89	.641			
5	3.89	31.33	24.91	.650			
10	3.89	31.35	24.92	.584			
15	3.84	31.35	24.93	.668			
20	3.85	31.35	24.93	.628			
30	3.84	31.36	24.93	.646			
40	3.81	31.36	24.94	.645			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.93	31.31	24.89	307.5	.000
10	3.89	31.35	24.92	304.2	.031
20	3.85	31.35	24.93	303.9	.061
30	3.84	31.36	24.93	303.1	.091

STATION 84

57-18 N 158-53 W 19 JUN 1939 2205 GCT
WEATHER O BAR 29.88 WIND W 4 SEA W 2
TEMPERATURE DRY 38 WET 37 DEPTH 47

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.50	31.51	25.08	.668			
5	3.45	31.49	25.07	.676			
10	3.46	31.49	25.07	.670			
15	3.44	31.49	25.07	.676			
20	3.41	31.51	25.09	.689			
30	3.34	31.53	25.11	.626			
40	3.31	31.53	25.12				
44	3.18	31.55	25.14	.681			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.50	31.51	25.08	288.7	.000
10	3.46	31.49	25.07	289.9	.029
20	3.41	31.51	25.09	288.0	.058
30	3.34	31.53	25.11	285.9	.087

STATION 85

57-27 N 159-01 W 19 JUN 1939 2337 GCT
WEATHER O F BAR 29.88 WIND W 3 SEA WNW 2
TEMPERATURE DRY 40 WET 38 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.88	31.04	24.68	.681			
5	3.20	31.42	25.04	.693			
10	3.08	31.51	25.12	.687			
15	3.03	31.51	25.12	.717			
20	3.02	31.51	25.13	.698			
30	3.00	31.51	25.13	.690			
40	2.96	31.53	25.15	.676			
45	2.97	31.51	25.13	.700			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.88	31.04	24.68	327.5	.000
10	3.08	31.51	25.12	285.2	.031
20	3.02	31.51	25.13	284.8	.060
30	3.00	31.51	25.13	284.7	.088

STATION 86

57-36 N 159-10 W 20 JUN 1939 0131 GCT
WEATHER O F BAR 29.88 WIND W 4 SEA WNW 2
TEMPERATURE DRY 40 WET 38 DEPTH 49

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.59	27.95	21.95	.588			
5	6.55	27.99	21.99	.620			
10	3.28	31.13	24.80	.700			
15	2.75	31.42	25.08	.718			
20	2.73	31.44	25.09	.725			
30	2.73	31.46	25.11	.626			
40	2.69	31.44	25.10	.717			
44	2.69	31.51	25.15	.725			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.59	27.95	21.95	587.5	.000
10	3.28	31.13	24.80	315.6	.045
20	2.73	31.44	25.09	287.8	.075
30	2.73	31.46	25.11	286.3	.104

STATION 87

57-41 N 159-18 W 20 JUN 1939 0317 GCT
WEATHER O C F BAR 29.88 WIND W 4 SEA WNW 2
TEMPERATURE DRY 40 WET 39 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.95	29.27	23.06	.654			
5	5.24	29.36	23.21	.653			
10	2.73	31.36	25.03	.724			
15	2.70	31.47	25.12	.718			
20	2.70	31.36	25.03	.720			
30	2.70	31.51	25.15	.718			
40	2.68	31.36	25.03	.718			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	5.95	29.27	23.06	481.2	.000
10	2.73	31.36	25.03	293.9	.039
20	2.70	31.36	25.03	293.7	.068
30	2.70	31.51	25.15	282.3	.097

STATION 88

57-51 N 159-25 W 20 JUN 1939 0512 GCT
WEATHER C BAR 29.88 WIND W 4 SEA NW 3
TEMPERATURE DRY 39 WET 38 DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.62	28.46	22.46	.642			
5	5.60	28.46	22.47	.644			
10	3.37	30.37	24.19	.677			
15	2.65	31.15	24.87	.694			
20	2.66	31.13	24.85	.691			
30	2.65	31.13	24.85	.697			
35	2.63	31.20	24.91	.703			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	5.62	28.46	22.46	538.7	.000
10	3.37	30.37	24.19	373.9	.046
20	2.66	31.13	24.85	310.8	.080
30	2.65	31.13	24.85	310.7	.111

STATION 89

58-02 N 159-33 W 20 JUN 1939 0702 GCT
WEATHER O F BAR 29.86 WIND WNW 4 SEA WNW 3
TEMPERATURE DRY 38 WET 38 DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.07	27.95	22.01	.617			
5	5.93	28.17	22.20	.620			
10	2.96	30.88	24.63	.659			
15	2.95	30.86	24.61	.669			
20	2.96	30.97	24.70	.669			
30	2.98	30.86	24.61	.678			
35	2.92	30.88	24.63	.678			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.07	27.95	22.01	581.8	.000
10	2.96	30.88	24.63	332.0	.046
20	2.96	30.97	24.70	325.2	.079
30	2.98	30.86	24.61	333.7	.112

STATION 90

58-12 N 159-40 W 20 JUN 1939 0850 GCT
WEATHER O F BAR 29.86 WIND WNW 4 SEA WNW 2
TEMPERATURE DRY 38 WET 38 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.27	28.48	22.41	.623			
5	4.47	28.93	22.95	.643			
10	3.22	30.72	24.48	.657			
15	3.21	30.75	24.51	.663			
20	3.20	30.75	24.51	.651			
30	3.21	30.77	24.52	.659			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.27	28.48	22.41	544.1	.000
10	3.22	30.72	24.48	346.1	.045
20	3.20	30.75	24.51	343.7	.079
30	3.21	30.77	24.52	342.3	.113

STATION 91

58-21 N 159-49 W 20 JUN 1939 1040 GCT
WEATHER O BAR 29.86 WIND WNW 4 SEA WNW 2
TEMPERATURE DRY 39 WET 38 DEPTH 36

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.49	30.23	23.87	.619			
5	5.47	30.23	23.87	.620			
10	5.51	30.26	23.89	.617			
15	5.03	30.23	23.92	.632			
20	4.40	30.64	24.31	.619			
30	4.35	30.66	24.33	.608			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.49	30.23	23.87	404.1	.000
10	5.51	30.26	23.89	402.1	.040
20	4.40	30.64	24.31	362.5	.078
30	4.35	30.66	24.33	360.6	.114

STATION 92

58-29 N 159-56 W 20 JUN 1939 1909 GCT
WEATHER O BAR 29.88 WIND WSW 4 SEA WSW 2
TEMPERATURE DRY 41 WET 41 DEPTH 25

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.47	27.09	21.17	.604			
5	7.48	28.15	22.00	.601			
10	4.66	30.70	24.33	.578			
15	4.70	30.72	24.34	.598			
20	4.71	30.72	24.34	.603			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.47	27.09	21.17	662.3	.000
10	4.66	30.70	24.33	360.4	.051
20	4.71	30.72	24.34	359.5	.087

STATION 93

58-33 N 159-59 W 20 JUN 1939 2043 GCT
WEATHER C BAR 29.88 WIND WSW 2 SEA WSW 1
TEMPERATURE DRY 44 WET 43 DEPTH 29

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.58	25.57	19.97	.605			
5	6.00	29.49	23.23	.580			
10	5.74	30.23	23.84	.593			
15	5.65	30.34	23.94	.585			
20	5.50	30.44	24.04	.588			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.58	25.57	19.97	777.7	.000
10	5.74	30.23	23.84	406.9	.059
20	5.50	30.44	24.04	388.6	.099

STATION 94

58-21 N 160-31 W 21 JUN 1939 0539 GCT
WEATHER C BAR 29.89 WIND W 4 SEA WSW 2
TEMPERATURE DRY 46 WET 44 DEPTH 11

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.91	29.16	22.73	.604			
6	7.80	29.16	22.75	.601			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.91	29.16	22.73	512.8	.000

STATION 95

58-12 N 160-22 W 21 JUN 1939 0724 GCT
WEATHER C BAR 99.93 WIND W 2 SEA W 2
TEMPERATURE DRY 46 WET 44 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.12	30.52	23.90	.554			
5	7.14	30.52	23.90	.606			
10	6.21	30.82	24.25	.612			
15	5.94	30.91	24.36	.594			
20	5.88	30.95	24.40	.622			
25	5.77	30.97	24.42	.622			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.12	30.52	23.90	401.8	.000
10	6.21	30.82	24.25	367.8	.038
20	5.88	30.95	24.40	354.4	.074

STATION 96

58-04 N 160-15 W 21 JUN 1939 0908 GCT
WEATHER C BAR 29.93 WIND W 2 SEA W 2
TEMPERATURE DRY 42 WET 43 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.57	30.97	24.65	.658			
5	3.53	31.00	24.68	.667			
10	3.56	31.26	24.88	.663			
15	3.01	31.26	24.93	.697			
20	2.51	31.27	24.97	.697			
30	2.47	31.27	24.98	.677			
40	2.53	31.27	24.97	.694			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.57	30.97	24.65	330.1	.000
10	3.56	31.26	24.88	308.1	.032
20	2.51	31.27	24.97	299.1	.062
30	2.47	31.27	24.98	298.8	.092

STATION 97

57-53 N 160-07 W 21 JUN 1939 1057 GCT
WEATHER O F BAR 29.93 WIND W 3 SEA W 2
TEMPERATURE DRY 41 WET 40 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.54	31.08	24.64	.492			
5	4.51	31.09	24.66	.657			
10	4.49	31.11	24.67	.659			
15	3.47	31.46	25.05	.706			
20	2.28	31.51	25.18	.704			
30	2.27	31.49	25.17	.676			
40	2.35	31.51	25.18	.711			
48	2.25	31.51	25.19	.599			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.54	31.08	24.64	330.6	.000
10	4.49	31.11	24.67	327.9	.033
20	2.28	31.51	25.18	279.2	.063
30	2.27	31.49	25.17	280.7	.091

STATION 98

57-45 N 159-57 W 21 JUN 1939 1258 GCT
WEATHER O F Z BAR 29.94 WIND W 3 SEA W 2
TEMPERATURE DRY 40 WET 40 DEPTH 50

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT
0	5.46	30.12	23.79	.622		
5	5.42	30.10	23.78	.632		
10	2.67	31.51	25.15	.713		
15	2.59	31.51	25.16	.671		
20	2.57	31.51	25.16	.711		
30	2.57	31.51	25.16	.694		
40	2.56	31.51	25.16	.714		
45	2.47	31.51	25.17	.710		

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.46	30.12	23.79	412.1	.000
10	2.67	31.51	25.15	282.0	.035
20	2.57	31.51	25.16	281.3	.063
30	2.57	31.51	25.16	281.3	.091

STATION 99

57-35 N 159-51 W 21 JUN 1939 1454 GCT
WEATHER O F Z BAR 29.98 WIND W 2 SEA NW 2
TEMPERATURE DRY 39 WET 39 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.54	31.55	25.20	.671			
5	2.51	31.55	25.20	.711			
10	2.54	31.55	25.20	.727			
15	2.54	31.55	25.20	.687			
20	2.54	31.55	25.20	.714			
30	2.55	31.55	25.20	.718			
40	2.51	31.55	25.20	.717			
48	2.40	31.55	25.21	.712			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	2.54	31.55	25.20	278.0	.000
10	2.54	31.55	25.20	278.1	.028
20	2.54	31.55	25.20	278.1	.056
30	2.55	31.55	25.20	278.2	.084

STATION 100

57-27 N 159-41 W 21 JUN 1939 1654 GCT
WEATHER O F BAR 30.01 WIND SW 2 SEA SW 2
TEMPERATURE DRY 36 WET 35 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.65	31.58	25.21	.689			
5	2.63	31.60	25.23	.701			
10	2.66	31.60	25.23	.726			
15	2.65	31.60	25.23	.735			
20	2.65			.714			
30	2.66	31.60	25.23	.693			
40	2.71	31.60	25.22	.708			
48	2.62	31.60	25.23	.732			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	2.65	31.58	25.21	276.6	.000
10	2.66	31.60	25.23	275.2	.028
20	2.65	31.60	25.23	275.2	.055
30	2.66	31.60	25.23	275.2	.083

STATION 101

57-18 N 159-35 W 21 JUN 1939 1949 GCT
WEATHER O F BAR 30.03 WIND W 3 SEA W 2
TEMPERATURE DRY 40 WET 40 DEPTH 55

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.12	31.60	25.19	.714			
5	3.04	31.62	25.21	.729			
10	3.05	31.62	25.21	.697			
15	3.05	31.60	25.19	.716			
20	3.04	31.60	25.20	.728			
30	3.05	31.62	25.21	.725			
40	3.01	31.62	25.21	.687			
50	3.01	31.62	25.21	.676			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.12	31.60	25.19	278.7	.000
10	3.05	31.62	25.21	276.7	.028
20	3.04	31.60	25.20	278.2	.056
30	3.05	31.62	25.21	276.7	.084
50	3.01	31.62	25.21	276.5	.139

STATION 102

57-09 N 159-26 W 21 JUN 1939 2028 GCT
WEATHER O F BAR 30.03 WIND W 3 SEA W 2
TEMPERATURE DRY 40 WET 40 DEPTH 55

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.94	31.51	25.04	.697			
5	3.83	31.51	25.05	.552			
10	3.70	31.51	25.07	.692			
15	3.60	31.55	25.11	.681			
20	3.54	31.56	25.12	.663			
30	3.53	31.56	25.12	.687			
40	3.48	31.56	25.13	.677			
50	3.45	31.56	25.13	.691			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.94	31.51	25.04	292.5	.000
10	3.70	31.51	25.07	290.4	.029
20	3.54	31.56	25.12	285.3	.058
30	3.53	31.56	25.12	285.3	.087
50	3.45	31.56	25.13	284.7	.144

STATION 103

57-00 N 159-18 W 21 JUN 1939 2205 GCT
WEATHER O F BAR 30.08 WIND W 3 SEA W 2
TEMPERATURE DRY 43 WET 43 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.65	31.36	24.85	.696			
5	4.56	31.38	24.88	.623			
10	4.47	31.36	24.87	.681			
15	4.41	31.36	24.88	.681			
20	4.37	31.38	24.90	.693			
30	4.30	31.38	24.91	.680			
40	4.22	31.40	24.93	.687			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.65	31.36	24.85	310.5	.000
10	4.47	31.36	24.87	308.8	.031
20	4.37	31.38	24.90	306.4	.062
30	4.30	31.38	24.91	305.8	.093

STATION 104

56-51 N 159-11 W 22 JUN 1939 0011 GCT
WEATHER O BAR 30.08 WIND W 3 SEA W 2
TEMPERATURE DRY 45 WET 44 DEPTH 29

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.03	31.20	24.69	.664			
5	5.01	31.26	24.74	.684			
10	4.94	31.26	24.75	.689			
15	4.89	31.26	24.75	.691			
20	4.84			.699			
25	4.86	31.26	24.75	.703			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.03	31.20	24.69	326.4	.000
10	4.94	31.26	24.75	321.0	.032
20	4.84	31.26	24.76	320.1	.064

STATION 105

56-47 N 159-05 W 22 JUN 1939 0115 GCT
WEATHER O Z BAR 30.10 WIND W 3 SEA W 2
TEMPERATURE DRY 45 WET 44 DEPTH 14

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.45	30.62	24.07	.657			
5	6.32	30.62	24.08	.659			
10	6.33	30.66	24.11	.612			
12	6.34	30.66	24.11	.652			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	6.45	30.62	24.07	385.5	.000
10	6.33	30.66	24.11	381.2	.038

STATION 106

OFF CAPE NEWENHAM 10 JUL 1939 1645 GCT
WEATHER O BAR 29.98 WIND W 3 SEA W 1
TEMPERATURE DRY 44 WET 44 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.64	30.52	23.84	.527	1.20	.00	5
5	7.46	30.59	23.91	.532	0.75	.00	4
10	7.43	30.61	23.93	.457	1.10	.00	4
15	7.46	30.62	23.94	.489	2.00	.00	3
20	7.33	30.62	23.96	.557		.00	4
30	7.26	30.64	23.98	.537	1.40	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.64	30.52	23.84	407.7	.000
10	7.43	30.61	23.93	398.4	.040
20	7.33	30.62	23.96	396.4	.080
30	7.26	30.64	23.98	394.2	.120

STATION 107

58-32 N 162-00 W 10 JUL 1939 2003 GCT
WEATHER O BAR 30.00 WIND WSW 3 SEA W 2
TEMPERATURE DRY 47 WET 46 DEPTH 37

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.21	30.64	23.99	.598	0.75	.00	5
5	7.17	30.64	23.99	.528	0.55	.00	3
10	6.99	30.66	24.03	.476	0.55	.00	4
15	6.76	30.79	24.16	.491	0.65	.00	5
20	6.60	30.82	24.21	.463	0.63	.00	4
30	6.44	30.86	24.26	.548	1.10	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.21	30.64	23.99	393.2	.000
10	6.99	30.66	24.03	389.1	.039
20	6.60	30.82	24.21	372.5	.077
30	6.44	30.86	24.26	367.7	.114

STATION 108

58-23 N 161-52 W 10 JUL 1939 2221 GCT
WEATHER O BAR 30.01 WIND WNW 4 SEA W 2
TEMPERATURE DRY 49 WET 47 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.92	30.79	24.14	.605	0.80	.00	3
5	6.85	30.73	24.10	.447	1.35	.00	2
10	6.62	30.77	24.16	.593	0.53	.00	3
15	6.27	30.88	24.29	.517	0.73	.00	5
20	6.07	30.93	24.36	.589	0.85	.00	3
30	5.99	30.93	24.37	.460	0.80	.00	4
40	6.08	30.93	24.36	.601	1.20	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.92	30.79	24.14	378.4	.000
10	6.62	30.77	24.16	376.4	.038
20	6.07	30.93	24.36	358.1	.075
30	5.99	30.93	24.37	357.2	.111

STATION 109

58-14 N 161-43 W 11 JUL 1939 0053 GCT
WEATHER C BAR 30.00 WIND W 4 SEA W 3
TEMPERATURE DRY 47 WET 46 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.09	30.70	24.05	.611	0.80	.00	2
5	7.05	30.70	24.05	.533	0.57	.00	3
10	6.30	30.91	24.31	.623	0.57	.00	3
15	5.78	31.08	24.51	.586	0.60	.00	3
20	5.60	31.08	24.53	.579	0.75	.00	4
30	5.58	31.08	24.53	.566	0.65	.00	2
40	5.67	31.11	24.55	.583	0.57	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.09	30.70	24.05	387.2	.000
10	6.30	30.91	24.31	362.1	.037
20	5.60	31.08	24.53	341.6	.072
30	5.58	31.08	24.53	341.4	.106

STATION 110

58-05 N 161-35 W 11 JUL 1939 0513 GCT
WEATHER O BAR 29.96 WIND WNW 4 SEA W 2
TEMPERATURE DRY 43 WET 43 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.98	31.06	24.47	.581	0.53	.00	18
5	5.91	31.08	24.49	.548	0.50	.00	16
10	5.40	31.08	24.55	.548	0.45	.00	16
15	4.88	31.17	24.68	.591	0.57	.00	15
20	4.65	31.22	24.74	.528	0.47	.00	18
30	4.66	31.22	24.74	.547	0.55	.00	17
39	4.64	31.22	24.74	.624	0.47	.00	18

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.98	31.06	24.47	347.1	.000
10	5.40	31.08	24.55	339.3	.034
20	4.65	31.22	24.74	321.2	.067
30	4.66	31.22	24.74	321.4	.099

STATION 111

57-55 N 161-28 W 11 JUL 1939 0746 GCT
WEATHER O BAR 29.98 WIND W 3 SEA WNW 2
TEMPERATURE DRY 44 WET 44 DEPTH 42

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.77	31.24	24.64	.602	0.55	.00	17
5	5.32	31.29	24.73	.502	0.60	.00	16
10	4.63	31.36	24.86	.538	0.65	.00	19
15	4.54	31.36	24.87	.597	0.57	.00	16
20	4.34	31.38	24.90	.542	0.70	.00	18
30	4.33	31.38	24.90	.582	0.65	.00	17
38	4.31	31.38	24.90	.591	0.70	.00	16

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	5.77	31.24	24.64	331.3	.000
10	4.63	31.36	24.86	310.4	.032
20	4.34	31.38	24.90	306.1	.063
30	4.33	31.38	24.90	306.1	.094

STATION 112

57-46 N 161-19 W 11 JUL 1939 1015 GCT
WEATHER O BAR 29.96 WIND W 2 SEA WNW 2
TEMPERATURE DRY 44 WET 43 DEPTH 50

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.56	31.22	24.65	.632	0.57	.00	15
5	5.57	31.22	24.64	.338	0.65	.00	14
10	5.26	31.35	24.78	.506		.00	3
15	4.29	31.44	24.95	.471	0.52	.00	7
20	3.25	31.53	25.12	.501	0.67	.00	10
30	2.68	31.60	25.22	.538	0.65	.00	11
40	2.62	31.62	25.25	.543	0.50	.00	9
45	2.59						

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	5.56	31.22	24.65	330.5	.000
10	5.26	31.35	24.78	317.6	.032
20	3.25	31.53	25.12	285.2	.062
30	2.68	31.60	25.22	271.4	.090

STATION 113

57-38 N 161-11 W 11 JUL 1939 1215 GCT
WEATHER 0 BAR 29.95 WIND W 2 SEA W 2
TEMPERATURE DRY 44 WET 42 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.20	31.51	24.80	.576	0.65	.00	5
5	6.17	31.51	24.80	.455	0.65	.00	4
10	5.40	31.55	24.92	.517	0.60	.00	4
15	3.13	31.67	25.24	.558	0.80	.00	3
20	2.27	31.76	25.38	.602	0.70	.00	4
30	2.24	31.76	25.39	.698	0.57	.00	4
40	2.20	31.76	25.39	.683	0.70	.00	4
50	2.23	31.76	25.39	.703	0.60	.00	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.20	31.51	24.80	315.9	.000
10	5.40	31.55	24.92	304.0	.031
20	2.27	31.76	25.38	260.2	.059
30	2.24	31.76	25.39	260.0	.085
50	2.23	31.76	25.39	259.9	.137

STATION 114

57-29 N 161-03 W 11 JUL 1939 1442 GCT
WEATHER 0 BAR 29.93 WIND W 2 SEA W 2
TEMPERATURE DRY 44 WET 42 DEPTH 62

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.15	31.53	24.69	.617	0.57	.00	10
5	7.11	31.53	24.70	.622	0.73	.00	4
10	6.78	31.53	24.74	.613	0.60	.00	3
15	4.77	31.73	25.13	.674	0.70	.00	4
20	3.01	31.85	25.40	.715	0.75	.00	6
30	2.62	31.87	25.44	.705	0.75	.00	9
40	2.67	31.82	25.40	.700	0.80	.00	10
50	2.61	31.83	25.41	.694	0.70	.00	18
55	2.59	31.85	25.43	.702	0.77	.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.15	31.53	24.69	325.9	.000
10	6.78	31.53	24.74	321.4	.032
20	3.01	31.85	25.40	259.0	.061
30	2.62	31.87	25.44	254.4	.087
50	2.61	31.83	25.41	257.4	.138

STATION 115

57-19 N 160-55 W 11 JUL 1939 1700 GCT
WEATHER O BAR 29.96 WIND WNW 1 SEA W 1
TEMPERATURE DRY 48 WET 47 DEPTH 63

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.53	31.76	24.95	.566	0.65	.00	2
5	6.49	31.76	24.96	.566	0.55	.00	2
10	6.46	31.74	24.95	.606	0.55	.00	3
15	6.00	31.76	25.02	.648	0.55	.00	0
20	3.98	31.83	25.29	.526	0.70	.01	3
30	2.95	31.85	25.40	.565	0.80	.05	12
40	2.99	31.89	25.43	.514	0.85	.08	21
50	2.86	31.89	25.44	.602	1.00	.08	18
59	2.85	31.89	25.44	.537	0.95	.07	19

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.53	31.76	24.95	301.1	.000
10	6.46	31.74	24.95	301.8	.030
20	3.98	31.83	25.29	268.9	.059
30	2.95	31.85	25.40	258.5	.085
50	2.86	31.89	25.44	254.8	.136

STATION 116

57-10 N 160-47 W 11 JUL 1939 1910 GCT
WEATHER O Z BAR 29.98 WIND NNW 1 SEA W 1
TEMPERATURE DRY 47 WET 46 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.29	31.74	24.97	.663	0.55	.00	8
5	6.18	31.74	24.98	.501	0.45	.00	8
10	5.62	31.83	25.12	.576	0.70	.00	9
15	3.23	31.89	25.41	.510	1.00	.09	11
20	3.07	31.87	25.41	.585	0.85	.09	12
30	3.08	31.87	25.41	.532	1.05	.09	10
40	3.14	31.89	25.42	.583	1.00	.08	7
50	3.03	31.87	25.41	.543	1.00	.09	11
60	3.03	31.91	25.44	.562	0.95	.07	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.29	31.74	24.97	299.7	.000
10	5.62	31.83	25.12	285.4	.029
20	3.07	31.87	25.41	258.0	.056
30	3.08	31.87	25.41	258.1	.082
50	3.03	31.87	25.41	257.7	.134

STATION 117

57-01 N 160-40 W 11 JUL 1939 2129 GCT
WEATHER O F BAR 29.99 WIND N 1 SEA WNW 1
TEMPERATURE DRY 44 WET 44 DEPTH 67

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.95	31.80	24.79	.678	0.50	.00	12
5	6.17	31.78	25.01	.557	0.45	.00	5
10	5.33	31.83	25.15	.591	0.65	.00	10
15	4.38	31.85	25.27	.514	0.75	.06	9
20	3.15	31.91	25.43	.523	1.15	.11	14
30	3.10	31.91	25.44	.523	0.95	.10	9
40	3.09	31.89	25.42	.570	1.05	.12	11
50	3.09	31.91	25.44	.476	1.20	.13	15
60	3.07	31.91	25.44	.642			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.95	31.80	24.79	316.3	.000
10	5.33	31.83	25.15	282.2	.030
20	3.15	31.91	25.43	255.6	.057
30	3.10	31.91	25.44	255.2	.083
50	3.09	31.91	25.44	255.2	.134

STATION 118

56-52 N 160-32 W 11 JUL 1939 2325 GCT
WEATHER O F BAR 29.97 WIND N 1 SEA WNW 1
TEMPERATURE DRY 44 WET 44 DEPTH 66

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.36	31.78	24.86	.529	0.40	.00	10
5	7.02	31.78	24.91	.567		.00	3
10	6.38	31.78	24.99	.632	0.40	.00	1
15	3.76	31.85	25.33	.549	1.20	.09	4
20	3.56	31.85	25.35	.561	1.15	.09	5
30	3.55	31.87	25.37	.584	1.15	.09	5
40	3.60	31.85	25.35	.570	0.90	.09	5
50	3.50	31.87	25.37	.563	1.15	.09	4
60	3.49	31.87	25.37	.535	1.20	.09	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.36	31.78	24.86	310.0	.000
10	6.38	31.78	24.99	297.9	.030
20	3.56	31.85	25.35	263.6	.058
30	3.55	31.87	25.37	262.0	.084
50	3.50	31.87	25.37	261.7	.136

STATION 119

56-42 N 160-24 W 12 JUL 1939 0115 GCT
WEATHER O F BAR 30.00 WIND N 1 SEA WNW 1
TEMPERATURE DRY 46 WET 46 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.49	31.80	24.72	.511	0.50	.00	9
5	8.23	31.80	24.75	.512	0.45	.00	1
10	7.74	31.80	24.82	.581	0.40	.00	1
15	6.73	31.82	24.98	.649	0.55	.00	2
20	4.68	31.73	25.14	.695	1.05	.07	2
30	4.34	31.78	25.22	.622	0.90	.09	5
40	3.49	31.87	25.37	.619	1.15	.12	4
50		31.87		.623	0.95	.12	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.49	31.80	24.72	323.8	.000
10	7.74	31.80	24.82	313.6	.032
20	4.68	31.73	25.14	283.1	.062
30	4.34	31.78	25.22	275.9	.089
50		31.87			

STATION 120

56-34 N 160-16 W 12 JUL 1939 0345 GCT
WEATHER O F BAR 30.02 WIND N 2 SEA WNW 1
TEMPERATURE DRY 45 WET 44 DEPTH 42

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.82	29.67	22.85	.612	0.53	.00	13
5	8.02	30.39	23.68	.648	0.47	.00	15
10	7.03	30.99	24.28	.673	0.55	.00	10
15	6.52	31.36	24.64	.679	0.50	.00	7
20	6.38	31.49	24.76	.667	0.55	.00	15
30	5.35	31.64	25.00	.678	0.83	.00	8
35	5.34	31.64	25.00	.678	0.60	.00	18

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.82	29.67	22.85	501.6	.000
10	7.03	30.99	24.28	364.9	.043
20	6.38	31.49	24.76	319.7	.077
30	5.35	31.64	25.00	296.9	.108

STATION 121

56-26 N 160-11 W 12 JUL 1939 0730 GCT
WEATHER O F BAR 30.04 WIND N 1 SEA WNW 1
TEMPERATURE DRY 46 WET 45 DEPTH 15

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.68	30.66	23.80	.693	0.53	.00	10
5	7.81	30.72	23.97	.698	0.53	.00	10
10	7.59	30.77	24.04	.693	0.57	.00	15

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.68	30.66	23.80	411.3	.000
10	7.59	30.77	24.04	388.5	.040

STATION 122

56-33 N 159-53 W 12 JUL 1939 0926 GCT
WEATHER O Z BAR 30.04 WIND CALM SEA WNW 1
TEMPERATURE DRY 44 WET 44 DEPTH 25

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.99	29.16	22.43	.598	0.70	.00	19
5	8.04	30.50	23.76	.616	0.65	.00	13
10	7.38	30.91	24.18	.684	0.63	.00	15
15	7.38	31.04	24.28	.675	0.47	.00	17
20	7.15	31.17	24.41	.682	0.57	.00	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.99	29.16	22.43	542.1	.000
10	7.38	30.91	24.18	375.3	.046
20	7.15	31.17	24.41	353.1	.082

STATION 123

56-34 N 159-59 W 12 JUL 1939 1038 GCT
WEATHER O Z BAR 30.03 WIND CALM SEA O O
TEMPERATURE DRY 46 WET 46 DEPTH 44

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.27	31.73	24.69	.613	0.45	.00	7
5	8.16	31.74	24.72	.640	0.43	.00	5
10	7.72	31.74	24.78	.613	0.57	.00	8
15	7.57	31.76	24.82	.612	0.55	.00	4
20	6.71	31.67	24.86	.593	0.47	.00	9
30	5.44	31.67	25.01	.663	0.85	.04	10
40	5.36	31.71	25.05	.661	0.75	.04	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.27	31.73	24.69	325.9	.000
10	7.72	31.74	24.78	317.8	.032
20	6.71	31.67	24.86	310.2	.063
30	5.44	31.67	25.01	295.6	.093

STATION 124

56-47 N 160-06 W 12 JUL 1939 1240 GCT
WEATHER O Z BAR 30.02 WIND NE 1 SEA NW 1
TEMPERATURE DRY 45 WET 44 DEPTH 59

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.68	31.64	24.71	.639	0.47	.00	7
5	6.83	31.67	24.84	.696	0.45	.00	7
10	6.03	31.71	24.98	.694	0.55	.00	9
15	4.72	31.74	25.15	.678	0.87	.06	7
20	4.32	31.76	25.20	.663	0.80	.08	9
30	4.17	31.78	25.24	.662	0.57	.08	10
40		31.82		.661	1.20	.09	7
50	3.98	31.82	25.29	.663	0.53	.09	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.68	31.64	24.71	324.6	.000
10	6.03	31.71	24.98	299.0	.031
20	4.32	31.76	25.20	277.3	.060
30	4.17	31.78	25.24	274.5	.088
50	3.98	31.82	25.29	269.8	.142

STATION 125

56-58 N 160-15 W 12 JUL 1939 1435 GCT
WEATHER O D Z BAR 30.01 WIND ENE 1 SEA NW 1
TEMPERATURE DRY 45 WET 45 DEPTH 67

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.13	31.76	24.88	.692	0.43	.00	4
5	6.96	31.78	24.91	.676	0.53	.00	4
10	5.87	31.82	25.08	.725	0.45	.00	3
15	3.73	31.85	25.33	.697	0.55	.09	5
20	3.26	31.87	25.39	.670	1.10	.10	6
30	3.25	31.87	25.39	.675	1.05	.11	10
40		31.87		.665	1.05	.11	9
50	3.25	31.87	25.39	.665	1.20	.12	10
60	3.24	31.87	25.39	.665	1.25	.10	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.13	31.76	24.88	308.5	.000
10	5.87	31.82	25.08	289.0	.030
20	3.26	31.87	25.39	259.5	.057
30	3.25	31.87	25.39	259.5	.083
50	3.25	31.87	25.39	259.5	.135

STATION 126

57-06 N 160-22 W 12 JUL 1939 1638 GCT
WEATHER C BAR 30.01 WIND ENE 1 SEA NW 1
TEMPERATURE DRY 46 WET 45 DEPTH 64

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.79	31.80	24.95	.667	0.47	.00	7
5	6.01	31.82	25.07	.679	0.40	.00	4
10	4.22	31.87	25.30	.702	0.57	.00	8
15	3.21	31.91	25.43	.690	1.15	.09	9
20	3.30	31.91	25.42	.697	0.85	.08	8
30	3.20	31.91	25.43	.685	1.10	.08	8
40	3.19	31.91	25.43	.598	0.95	.08	9
50	3.18	31.91	25.43	.684	1.00	.08	10
59	3.18	31.91	25.43	.668	1.10	.08	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.79	31.80	24.95	301.3	.000
10	4.22	31.87	25.30	268.0	.028
20	3.30	31.91	25.42	256.8	.054
30	3.20	31.91	25.43	256.0	.080
50	3.18	31.91	25.43	255.9	.131

STATION 127

57-15 N 160-30 W 12 JUL 1939 1832 GCT
WEATHER C BAR 30.00 WIND CALM SEA NW 1
TEMPERATURE DRY 47 WET 45 DEPTH 65

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.72	31.78	24.95	.605	0.90	.00	10
5	6.61	31.74	24.93	.644	0.80	.00	10
10	6.01	31.74	25.00	.679	0.80	.00	11
15	3.77	31.85	25.33	.712	0.73	.03	10
20	3.09	31.87	25.41	.662	1.10	.02	12
30	3.10	31.87	25.41	.569	0.93	.02	15
40	3.07	31.87	25.41	.685	1.10	.03	13
50	3.09	31.87	25.41	.681	1.05	.05	16
60	3.07	31.87	25.41	.666	0.97	.04	18

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.72	31.78	24.95	301.9	.000
10	6.01	31.74	25.00	296.6	.030
20	3.09	31.87	25.41	258.1	.058
30	3.10	31.87	25.41	258.2	.084
50	3.09	31.87	25.41	258.2	.136

STATION 128

57-24 N 160-37 W 12 JUL 1939 2035 GCT
WEATHER O BAR 30.01 WIND SSE 1 SEA O O
TEMPERATURE DRY 47 WET 46 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.34	31.55	24.81	.569	0.53	.00	13
5	6.15	31.55	24.84	.507	0.67	.00	13
10	5.85	31.64	24.94	.521	0.57	.00	12
15	5.23	31.71	25.07	.576	0.60	.00	11
20	2.96	31.78	25.35	.600	1.00	.00	20
30	3.07	31.78	25.34	.637	1.40	.00	15
40	3.01	31.78	25.34	.532	1.35	.00	15
50	3.00	31.80	25.36	.587	1.20	.00	19
55	3.00	31.80	25.36	.620	0.77	.00	18

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.34	31.55	24.81	314.5	.000
10	5.85	31.64	24.94	302.2	.031
20	2.96	31.78	25.35	263.9	.059
30	3.07	31.78	25.34	264.8	.085
50	3.00	31.80	25.36	262.8	.138

STATION 129

57-33 N 160-46 W 12 JUL 1939 2225 GCT
WEATHER O BAR 30.00 WIND SSE 1 SEA 0 0
TEMPERATURE DRY 47 WET 46 DEPTH 59

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.35	31.42	24.58	.572	0.87	.00	1
5	7.32	31.42	24.58	.564	0.60	.00	1
10	6.67	31.42	24.67	.570	1.05	.00	1
15	4.00	31.62	25.13	.584	0.75	.00	5
20	2.78	31.69	25.29	.595	0.83	.00	5
30	2.63	31.80	25.39	.597	0.80	.00	9
40	2.51	31.80	25.40	.638	1.10	.00	7
50	2.50	31.76	25.37	.640	0.97	.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.35	31.42	24.58	336.7	.000
10	6.67	31.42	24.67	328.3	.033
20	2.78	31.69	25.29	269.3	.063
30	2.63	31.80	25.39	259.8	.089
50	2.50	31.76	25.37	261.9	.141

STATION 130

57-42 N 160-55 W 13 JUL 1939 0027 GCT
WEATHER O F M BAR 29.99 WIND S 2 SEA SW 1
TEMPERATURE DRY 46 WET 46 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.07	30.97	24.26	.612	0.57	.00	5
5	5.56	31.31	24.72	.617	0.55	.00	5
10	4.48	31.51	24.99	.664	0.70	.00	5
15	2.45	31.65	25.28	.636	0.85	.00	5
20	2.36	31.65	25.29	.682	0.60	.00	6
30	2.35	31.65	25.29		0.67	.00	4
40	2.32	31.67	25.31		0.83	.00	5
45	2.30	31.65	25.29	.680	1.20	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.07	30.97	24.26	366.8	.000
10	4.48	31.51	24.99	297.6	.033
20	2.36	31.65	25.29	269.2	.061
30	2.35	31.65	25.29	269.1	.088

STATION 131

57-51 N 161-03 W 13 JUL 1939 0224 GCT
WEATHER O Z BAR 29.97 WIND SSW 2 SEA SW 1
TEMPERATURE DRY 46 WET 46 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.36	30.61	23.94	.601	0.70	.00	2
5	7.27	30.61	23.96	.607	1.05	.00	3
10	4.21	31.18	24.76	.618	0.50	.00	6
15	4.10	31.20	24.78	.622	0.67	.00	7
20	4.04	31.24	24.82	.630	0.47	.00	7
30	3.87	31.31	24.89	.637	0.57	.00	8
40	3.26	31.35	24.98	.638	0.77	.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.36	30.61	23.94	397.4	.000
10	4.21	31.18	24.76	320.0	.036
20	4.04	31.24	24.82	313.9	.068
30	3.87	31.31	24.89	307.1	.099

STATION 132

57-59 N 161-10 W 13 JUL 1939 0410 GCT
WEATHER O F BAR 29.98 WIND SSW 2 SEA SW 1
TEMPERATURE DRY 46 WET 46 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.86	30.12	23.35	.584	0.73	.00	4
5	8.27	30.10	23.42	.586	1.00	.00	4
10	5.37	31.00	24.49	.630	0.50	.00	5
15	5.04	31.06	24.58	.619	0.57	.00	5
20	4.92	31.08	24.60	.620	0.50	.00	6
30	4.82	31.09	24.62	.605	0.55	.00	6
40	4.77	31.11	24.64	.594	0.80	.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	8.86	30.12	23.35	454.1	.000
10	5.37	31.00	24.49	345.0	.040
20	4.92	31.08	24.60	334.4	.074
30	4.82	31.09	24.62	332.7	.107

STATION 133

58-08 N 161-18 W 13 JUL 1939 0605 GCT
WEATHER O F BAR 29.98 WIND SSW 2 SEA SW 1
TEMPERATURE DRY 46 WET 46 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.59	29.65	22.87	.518	0.60	.00	16
5	9.54	29.69	22.91	.518	0.55	.00	16
10	5.98	30.95	24.38	.513	0.57	.00	17
15	5.95	30.95	24.39	.509	0.53	.00	17
20	5.79	30.95	24.41	.513	0.55	.00	16
30	5.85	30.95	24.40	.574	0.60	.00	18
35	5.82	30.95	24.40	.507	0.53	.00	18

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	9.59	29.65	22.87	499.6	.000
10	5.98	30.95	24.38	355.5	.043
20	5.79	30.95	24.41	353.4	.078
30	5.85	30.95	24.40	354.2	.113

STATION 134

58-17 N 161-27 W 13 JUL 1939 0813 GCT
WEATHER O F BAR 29.98 WIND SSW 2 SEA SW 1
TEMPERATURE DRY 44 WET 44 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.18	30.35	23.63	.605	0.60	.00	16
5	8.07	30.37	23.66	.604	0.63	.00	17
10	7.00	30.57	23.96	.567	0.80	.00	16
15	6.38	30.86	24.26	.570	0.65	.00	10
20	6.32	30.86	24.27	.574	0.83	.00	10
30	6.33	30.86	24.27	.593	0.57	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	8.18	30.35	23.63	427.5	.000
10	7.00	30.57	23.96	396.0	.041
20	6.32	30.86	24.27	366.2	.079
30	6.33	30.86	24.27	366.4	.116

STATION 135

58-26 N 161-35 W 13 JUL 1939 1008 GCT
WEATHER O F BAR 29.98 WIND SSW 2 SEA SW 1
TEMPERATURE DRY 44 WET 44 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.42	30.19	23.47	.549	0.60	.00	17
5	8.29	30.21	23.50	.515	0.65	.00	18
10	7.77	30.34	23.68	.547	0.70	.00	8
15	7.59	30.43	23.77	.512	0.67	.00	16
20	7.44	30.44	23.80	.507	0.57	.00	17
25	7.41	30.48	23.83	.535	0.67	.00	17

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	8.42	30.19	23.47	442.7	.000
10	7.77	30.34	23.68	422.9	.043
20	7.44	30.44	23.80	411.3	.085

STATION 136

38-37 N 161-41 W 13 JUL 1939 1938 GCT
WEATHER O F BAR 29.99 WIND SE 3 SEA SE 2
TEMPERATURE DRY 47 WET 43 DEPTH 22

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.58	29.76	22.96	.562	0.63	.00	5
5	9.55	29.76	22.96	.544	0.53	.00	5
10		30.05		.457	0.67	.00	7
15	8.80	30.10	23.34	.484	0.65	.00	5
18	8.74	30.08	23.34	.495	0.63	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	9.58	29.76	22.96	491.3	.000
10	9.07	30.05	23.26	462.4	.048

STATION 137

NO POSITION 13 JUL 1939 2250 GCT
WEATHER O F BAR 29.99 WIND SE 4 SEA SE 3
TEMPERATURE DRY 48 WET 47 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.55	28.42	21.76	.519	0.80	.00	10
5	10.39	28.51	21.86	.541	0.90	.00	12
8	10.39	28.53	21.88	.540	0.75	.00	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.55	28.42	21.76	605.7	.000

STATION 138

58-17 N 160-48 W 14 JUL 1939 0039 GCT
WEATHER O F BAR 29.98 WIND SSW 4 SEA SSW 2
TEMPERATURE DRY 48 WET 48 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.68	29.76	23.09	.574	0.70	.00	6
5	8.60	29.78	23.12	.581	0.65	.00	3
10	8.07	29.99	23.36	.582	0.63	.00	5
15	6.62	30.53	23.98	.574	0.60	.00	5
20	6.42	30.61	24.06	.606	0.80	.00	4
25	6.41	30.61	24.06	.598	0.90	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.68	29.76	23.09	478.4	.000
10	8.07	29.99	23.36	453.0	.047
20	6.42	30.61	24.06	386.1	.089

STATION 139

58-08 N 160-39 W 14 JUL 1939 0230 GCT
WEATHER O F BAR 29.99 WIND SSW 4 SEA SSW 2
TEMPERATURE DRY 48 WET 48 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.88	29.31	22.56	.559	0.70	.00	2
5	9.86	29.33	22.58	.567	0.65	.00	4
10	5.76	30.48	24.04	.621	0.67	.00	1
15	4.96	30.93	24.48	.593	0.87	.00	4
20	4.77	31.00	24.56	.594	0.55	.00	5
30	4.65	31.02	24.59	.573	0.73	.00	5
40	4.53	31.02	24.60	.608	0.75	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.88	29.31	22.56	529.3	.000
10	5.76	30.48	24.04	388.3	.046
20	4.77	31.00	24.56	339.0	.082
30	4.65	31.02	24.59	336.3	.116

STATION 140

57-59 N 160-31 W 14 JUL 1939 0430 GCT
WEATHER O BAR 30.00 WIND SW 4 SEA SW 2
TEMPERATURE DRY 48 WET 47 DEPTH 50

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.53	30.41	23.76	.565	0.50	.00	2
5	7.44	30.44	23.80	.608	0.45	.00	2
10	6.78	30.70	24.09	.652	0.53	.00	3
15	3.70	31.27	24.88	.588	0.77	.00	2
20	3.69	31.29	24.89	.609	0.40	.00	1
30	3.65	31.31	24.91	.625	0.63	.00	2
40	3.61	31.33	24.93	.618	0.43	.00	4
45	3.63	31.33	24.93	.625	0.73	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.53	30.41	23.76	414.5	.000
10	6.78	30.70	24.09	383.5	.040
20	3.69	31.29	24.89	307.0	.075
30	3.65	31.31	24.91	305.2	.106

STATION 141

57-50 N 160-21 W 14 JUL 1939 0625 GCT
WEATHER O BAR 30.02 WIND WSW 4 SEA SW 2
TEMPERATURE DRY 47 WET 46 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.37	30.86	24.14	.630	0.37	.00	8
5	7.29	30.86	24.15	.593	0.55	.00	8
10	7.21	30.88	24.17	.603	0.15	.00	6
15	5.11	31.42	24.85	.677	0.57	.00	8
20	3.38	31.53	25.11	.682	0.55	.00	9
30	3.28	31.55	25.14	.678	0.53	.00	9
40	3.20	31.55	25.14	.671	0.43	.00	9
50	3.20	31.55	25.14	.665	0.57	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 8	ΔD
0	7.37	30.86	24.14	378.8	.000
10	7.21	30.88	24.17	375.4	.038
20	3.38	31.53	25.11	286.2	.071
30	3.28	31.55	25.14	283.9	.100
50	3.20	31.55	25.14	283.3	.157

STATION 142

57-40 N 160-15 W 14 JUL 1939 0826 GCT
WEATHER O BAR 30.02 WIND W 4 SEA SW 2
TEMPERATURE DRY 45 WET 45 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.59	31.26	24.55	.605	0.50	.00	8
5	6.54	31.27	24.57	.612	0.55	.00	4
10	4.16	31.44	24.97	.633	0.60	.00	5
15	3.30	31.51	25.10	.702	0.23	.00	9
20	3.30	31.51	25.10	.638	0.63	.00	8
30	3.31	31.51	25.10	.653	0.68	.00	7
40	3.29	31.51	25.10	.687	0.55	.00	7
48	3.28	31.51	25.10	.602	0.50	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 8	ΔD
0	6.59	31.26	24.55	339.2	.000
10	4.16	31.44	24.97	299.9	.032
20	3.30	31.51	25.10	287.1	.061
30	3.31	31.51	25.10	287.2	.090

STATION 143

57-31 N 160-07 W 14 JUL 1939 1022 GCT
WEATHER C BAR 30.02 WIND W 4 SEA SW 2
TEMPERATURE DRY 45 WET 45 DEPTH 54

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.43	31.11	24.33	.637	0.55	.00	6
5	7.35	31.11	24.34	.598	0.53	.00	6
10	6.58	31.42	24.68	.633	0.53	.00	7
15	4.69	31.58	25.02	.713	0.47	.00	5
20	3.94	31.60	25.11	.594	0.65	.00	6
30	3.91	31.60	25.12	.652	0.63	.00	8
40	3.86	31.60	25.12	.629	0.55	.00	7
49	3.85	31.62	25.14	.716	0.57	.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.43	31.11	24.33	360.9	.000
10	6.58	31.42	24.68	327.2	.034
20	3.94	31.60	25.11	285.8	.065
30	3.91	31.60	25.12	285.6	.094

STATION 144

57-22 N 159-58 W 14 JUL 1939 1240 GCT
WEATHER O Z BAR 30.01 WIND SW 3 SEA SW 3
TEMPERATURE DRY 46 WET 46 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.62	31.55	24.78	.578	0.55	.00	9
5	6.54	31.55	24.79	.635	0.53	.00	10
10	5.08	31.62	25.01	.703	0.53	.00	4
15	4.40	31.69	25.14	.675	0.55	.00	11
20	4.08	31.71	25.19	.780	0.57	.00	10
30	4.01	31.71	25.20	.713	0.63	.00	10
40	3.98	31.69	25.18	.693	0.50	.00	9
50	3.97	31.71	25.20	.736	0.60	.00	15

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.62	31.55	24.78	317.9	.000
10	5.08	31.62	25.01	295.4	.031
20	4.08	31.71	25.19	278.8	.060
30	4.01	31.71	25.20	278.2	.088
50	3.97	31.71	25.20	278.0	.144

STATION 145

57-19 N 159-50 W 14 JUL 1939 1425 GCT
WEATHER O Z BAR 30.01 WIND SW 3 SEA SW 3
TEMPERATURE DRY 46 WET 46 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.61	31.64	24.85	.682	0.55	.00	8
5	6.56	31.64	24.86	.682	0.53	.00	10
10	6.57			.633	0.47	.00	10
15	5.79	31.65	24.96	.635	0.60	.00	10
20	4.74	31.67	25.09	.672	0.45	.00	9
30	4.52	31.69	25.13	.672	0.63	.00	10
40	4.45	31.69	25.14	.664	0.55	.00	11
50	4.43	31.69	25.14		0.57	.00	13

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.61	31.64	24.85	311.0	.000
10	6.57	31.64	24.86	310.0	.031
20	4.74	31.67	25.09	288.2	.060
30	4.52	31.69	25.13	284.6	.089
50	4.43	31.69	25.14	283.9	.146

STATION 146

57-06 N 159-42 W 14 JUL 1939 1625 GCT
WEATHER O Z BAR 30.01 WIND WSW 3 SEA SW 3
TEMPERATURE DRY 47 WET 47 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.45	31.42	24.57	.667	0.37	.00	10
5	7.41	31.44	24.59	.590	0.55	.00	10
10	7.38	31.46	24.61	.597	0.55	.00	8
15	5.29	31.67	25.03	.715	0.57	.00	7
20	4.74	31.69	25.11	.685	0.63	.00	8
30	4.74	31.71	25.12	.704	0.75	.00	10
40	4.66	31.71	25.13	.679	0.77	.00	10
50	4.64	31.71	25.13	.692	0.77	.00	16

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.45	31.42	24.57	338.0	.000
10	7.38	31.46	24.61	334.2	.034
20	4.74	31.69	25.11	286.7	.065
30	4.74	31.71	25.12	285.3	.094
50	4.64	31.71	25.13	284.4	.151

STATION 147

56-56 N 159-30 W 14 JUL 1939 1822 GCT
WEATHER O Z BAR 30.01 WIND SW 3 SEA SW 3
TEMPERATURE DRY 47 WET 47 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.87	31.00	24.18	.625	0.47	.00	10
5	7.87	31.08	24.24	.679	0.37	.00	9
10	5.77	31.44	24.79	.678	0.67	.00	10
15	5.51	31.47	24.85	.652	0.63	.00	11
20	5.42	31.47	24.86	.652	0.60	.00	14
30	5.44	31.47	24.86	.663	0.57	.00	13

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 S$	ΔD
0	7.87	31.00	24.18	374.9	.000
10	5.77	31.44	24.79	316.3	.035
20	5.42	31.47	24.86	310.3	.066
30	5.44	31.47	24.86	310.6	.097

STATION 148

56-44 N 159-22 W 14 JUL 1939 2012 GCT
WEATHER C Z BAR 30.00 WIND WSW 3 SEA SW 2
TEMPERATURE DRY 48 WET 47 DEPTH 26

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.74	30.35	23.39	.619	0.43	.00	10
5	8.53	30.37	23.59	.623	0.45	.00	10
10	8.43	30.44	23.66	.629	0.50	.00	10
15	8.01	30.59	23.84	.622	0.37	.00	10
20	7.93	30.72	23.95	.640	0.47	.00	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 S$	ΔD
0	9.74	30.35	23.39	449.9	.000
10	8.43	30.44	23.66	424.3	.044
20	7.93	30.72	23.95	396.8	.085

STATION 149

56-46 N 159-06 W 14 JUL 1939 2215 GCT
WEATHER O BAR 30.04 WIND WSW 2 SEA SW 2
TEMPERATURE DRY 49 WET 47 DEPTH 16

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.55	30.37	23.44	.632	0.63	.00	16
5	9.06	30.39	23.53	.635	0.45	.00	15
10	8.87	30.46	23.61	.642	0.30	.00	14
13	8.78	30.46	23.63	.658	0.53	.00	16

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	9.55	30.37	23.44	445.5	.000
10	8.87	30.46	23.61	429.0	.044

STATION 150

56-52 N 159-11 W 14 JUL 1939 2328 GCT
WEATHER C BAR 30.00 WIND WSW 2 SEA SW 2
TEMPERATURE DRY 49 WET 48 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.43	30.68	23.85	.678	0.53	.00	13
5	8.43	30.70	23.86	.662	0.55	.00	13
10	8.15	30.81	23.99	.682	0.50	.00	12
15	8.01	30.84	24.03	.705	0.33	.00	12
20	7.99	30.88	24.07	.702	0.43	.00	12
25	8.01	30.88	24.07	.697	0.45	.00	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	8.43	30.68	23.85	406.3	.000
10	8.15	30.81	23.99	392.9	.040
20	7.99	30.88	24.07	385.7	.079

STATION 151

57-00 N 159-18 W 15 JUL 1939 0130 GCT
WEATHER C BAR 30.02 WIND WSW 2 SEA W 1
TEMPERATURE DRY 49 WET 48 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.17	31.00	24.14	.652	0.43	.00	10
5	7.91	31.04	24.20	.631	0.35	.00	10
10	7.64	31.02	24.23	.676	0.35	.00	10
15	7.35	31.08	24.31	.647	0.33	.00	10
20	6.75	31.13	24.43	.684	0.55	.00	10
30	6.51	31.27	24.57	.672	0.47	.00	11
40	6.41	31.27	24.58	.684	0.47	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.17	31.00	24.14	378.9	.000
10	7.64	31.02	24.23	370.5	.037
20	6.75	31.13	24.43	351.1	.073
30	6.51	31.27	24.57	337.8	.107

STATION 152

57-08 N 159-25 W 15 JUL 1939 0335 GCT
WEATHER C BAR 30.00 WIND WSW-1 SEA WSW 1
TEMPERATURE DRY 47 WET 47 DEPTH 54

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.87	31.44	24.66	.632	0.53	.00	8
5	6.30	31.55	24.82	.702	0.57	.00	9
10	6.02	31.46	24.78	.693	0.65	.00	6
15	5.59	31.49	24.85	.689	0.35	.00	10
20	5.41	31.51	24.89	.688	0.45	.00	7
30	5.30	31.51	24.90	.697	0.53	.00	9
40	5.24	31.51	24.91	.693	0.57	.00	9
50	5.24	31.51	24.91	.695	0.40	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.87	31.44	24.66	329.2	.000
10	6.02	31.46	24.78	317.7	.032
20	5.41	31.51	24.89	307.2	.063
30	5.30	31.51	24.90	306.1	.094
50	5.24	31.51	24.91	305.7	.155

STATION 153

57-18 N 159-35 W 15 JUL 1939 0520 GCT
WEATHER C BAR 29.97 WIND WSW 1 SEA WSW 1
TEMPERATURE DRY 47 WET 47 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.35	30.53	23.88	.626	0.57	.00	10
5	6.38	31.35	24.65	.678	0.50	.00	12
10	5.91	31.42	24.76	.658	0.53	.00	10
15	5.16	31.47	24.89	.744	0.57	.00	11
20	4.77	31.51	24.96	.713	0.57	.00	11
30	4.66	31.53	24.99	.716	0.57	.00	14
40	4.61	31.51	24.98	.720	0.57	.00	13
50	4.61	31.51	24.98	.694	0.53	.00	15

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.35	30.53	23.88	403.2	.000
10	5.91	31.42	24.76	319.4	.036
20	4.77	31.51	24.96	300.6	.067
30	4.66	31.53	24.99	298.0	.097
50	4.61	31.51	24.98	299.2	.157

STATION 154

57-26 N 159-42 W 15 JUL 1939 0648 GCT
WEATHER O BAR 29.97 WIND CALM SEA WSW 1
TEMPERATURE DRY 47 WET 47 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.66	31.42	24.54	.556	0.53	.00	10
5	7.81	31.51	24.59	.533	0.55	.00	11
10	5.11	31.56	24.96	.616	0.55	.00	9
15	3.92	31.42	24.97	.608	0.60	.00	11
20	3.87	31.44	24.99	.587	0.53	.00	12
30	3.88	31.46	25.01	.546	0.55	.00	10
40	3.85	31.47	25.02	.591	0.53	.00	10
50	3.84	31.47	25.02	.621	0.55	.00	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.66	31.42	24.54	340.7	.000
10	5.11	31.56	24.96	300.2	.032
20	3.87	31.44	24.99	297.3	.062
30	3.88	31.46	25.01	295.9	.092
50	3.84	31.47	25.02	294.9	.151

STATION 155

57-36 N 159-50 W 15 JUL 1939 0906 GCT
WEATHER O BAR 29.97 WIND SW 1 SEA WSW 1
TEMPERATURE DRY 46 WET 46 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.54	31.08	24.29	.620	0.55	.00	9
5	7.41	31.08	24.31	.646	0.55	.00	9
10	7.06	31.08	24.35	.644	0.57	.00	8
15	4.10	31.31	24.87	.709	0.55	.00	10
20	3.05	31.40	25.04	.716	0.55	.00	9
30	3.55	31.40	24.99	.649	0.55	.00	11
40	3.52	31.40	24.99	.726	0.57	.00	11
45	3.50	31.40	25.00	.722	0.57	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.54	31.08	24.29	364.6	.000
10	7.06	31.08	24.35	358.6	.036
20	3.05	31.40	25.04	293.4	.069
30	3.55	31.40	24.99	297.5	.099

STATION 156

57-44 N 159-59 W 15 JUL 1939 1051 GCT
WEATHER O D BAR 29.97 WIND SW 1 SEA WSW 1
TEMPERATURE DRY 46 WET 46 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.55	31.17	24.49	.657	0.45	.00	7
5	6.43	31.22	24.54	.654	0.53	.00	6
10	3.96	31.29	24.87	.695	0.60	.00	9
15	3.71	31.35	24.94	.589	0.53	.00	9
20	3.68	31.36	24.95	.585	0.60	.00	10
30	3.70	31.38	24.96	.589	0.55	.00	10
40		31.40		.670	0.55	.00	11
45	3.70	31.40	24.98	.669	0.63	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	6.55	31.17	24.49	345.5	.000
10	3.96	31.29	24.87	309.4	.033
20	3.68	31.36	24.95	301.6	.064
30	3.70	31.38	24.96	300.3	.094

STATION 157

57-54 N 160-06 W 15 JUL 1939 1230 GCT
WEATHER C BAR 29.96 WIND WSW 2 SEA W 1
TEMPERATURE DRY 46 WET 46 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.60	30.07	23.49	.611	0.35		10
5	7.56	30.25	23.63	.606	0.35		12
10	3.98	31.31	24.88	.647	0.35		11
15	3.82	31.36	24.94	.661	0.37		14
20	3.74	31.36	24.94	.634	0.35		13
30	3.73	31.40	24.98	.626	0.33		12
40		31.42		.619	0.40		11
45	3.68	31.42	25.00	.668	0.50		15

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.60	30.07	23.49	440.8	.000
10	3.98	31.31	24.88	308.0	.037
20	3.74	31.36	24.94	302.2	.068
30	3.73	31.40	24.98	299.1	.098

STATION 158

58-03 N 160-14 W 15 JUL 1939 1420 GCT
WEATHER C BAR 29.94 WIND W 4 SEA W 2
TEMPERATURE DRY 46 WET 46 DEPTH 42

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.55	29.87	23.34	.614	0.33		11
5	7.54	29.87	23.34	.613	0.35		10
10	6.88	30.03	23.55	.624	0.33		11
15	4.54	30.91	24.51	.637	0.30		14
20	4.07	31.17	24.76	.642	0.60		11
30	4.06	31.18	24.77	.650	0.55		11
35	4.01	31.18	24.78	.647	0.35		15

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.55	29.87	23.34	455.1	.000
10	6.88	30.03	23.55	434.9	.044
20	4.07	31.17	24.76	319.5	.082
30	4.06	31.18	24.77	318.7	.114

STATION 159

58-15 N 160-26 W 15 JUL 1939 1600 GCT
WEATHER BC BAR 29.95 WIND NW 5 SEA W 2
TEMPERATURE DRY 48 WET 47 DEPTH 27

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.79	29.70	23.17	.593	0.33		8
5	7.74	29.76	23.23	.523	0.33		9
10	6.49	30.26	23.78	.537	0.35		10
15	5.96	30.46	24.00	.612	0.37		11
20	5.96	30.46	24.00	.611	0.37		11
24	5.95	30.46	24.00	.607	0.43		10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.79	29.70	23.17	470.9	.000
10	6.49	30.26	23.78	413.1	.044
20	5.96	30.46	24.00	392.1	.084

STATION 160

58-21 N 160-30 W 15 JUL 1939 1748 GCT
WEATHER BC BAR 29.95 WIND NW 5 SEA NW 2
TEMPERATURE DRY 50 WET 49 DEPTH 16

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.93	28.82	22.17	.578	0.35	.00	12
5	9.92	28.84	22.19	.585	0.35	.00	10
10	9.81	28.96	22.30	.572	0.33	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	9.93	28.82	22.17	566.4	.000
10	9.81	28.96	22.30	554.4	.056

STATION 161

56-27 N 160-10 W 22 JUL 1939 1930 GCT
WEATHER O BAR 29.80 WIND CALM SEA W 2
TEMPERATURE DRY 51 WET 50 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.20	30.62	23.69	.601		.00	14
5	8.98	30.77	23.84	.609		.00	13
10	8.93	30.82	23.88	.612		.00	12
15	8.87	30.82	23.89	.588		.00	14

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.20	30.62	23.69	421.8	.000
10	8.93	30.82	23.88	403.1	.041

STATION 162

56-35 N 160-18 W 22 JUL 1939 2235 GCT
WEATHER O PAR 29.79 WIND SEA W 2
TEMPERATURE DRY 53 WET 52 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.85	31.38	24.33	.638		.00	13
5	8.54	31.40	24.40	.644		.00	11
10	8.34	31.40	24.42	.646		.00	11
15	7.83	31.46	24.54	.648		.04	12
20	6.14	31.60	24.88	.657		.08	13
30	5.71	31.67	24.98	.646		.07	14
40	5.44	31.74	25.07	.646		.07	14
45	3.41	31.73	25.27	.614		.06	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.85	31.38	24.33	360.2	.000
10	8.34	31.40	24.42	351.6	.036
20	6.14	31.60	24.88	308.7	.069
30	5.71	31.67	24.98	298.6	.099

STATION 163

56-43 N 160-23 W 23 JUL 1939 0203 GCT
WEATHER C BAR 29.77 WIND SW 3 SEA W 2
TEMPERATURE DRY 50 WET 50 DEPTH 63

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.82	31.51	24.59	.646		.00	9
5	7.72	31.51	24.60	.617		.00	8
10	7.73	31.51	24.60	.553		.00	7
15	6.41	31.58	24.83	.657		.00	7
20	5.24	31.74	25.09	.562		.02	9
30	5.18	31.78	25.13	.646		.02	10
40	5.13	31.78	25.14	.647		.04	10
50	5.13	31.80	25.15	.645		.06	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.82	31.51	24.59	336.2	.000
10	7.73	31.51	24.60	335.1	.034
20	5.24	31.74	25.09	288.1	.065
30	5.18	31.78	25.13	284.6	.094
50	5.13	31.80	25.15	282.7	.151

STATION 164

56-52 N 160-34 W 23 JUL 1939 0428 GCT
WEATHER C BAR 29.76 WIND SW 2 SEA W 2
TEMPERATURE DRY 50 WET 49 DEPTH 69

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.67	31.69	24.60	.622		.00	0
5	8.62	31.73	24.64	.637		.00	4
10	8.55	31.73	24.65	.638		.00	3
15	6.39	31.76	24.97	.636		.00	4
20	3.97	31.85	25.31	.664		.12	9
30	3.65	31.89	25.37	.657		.14	10
40	3.58	31.91	25.39	.660		.14	11
50		31.91		.663		.14	12
60	3.55	31.91	25.40	.667		.12	13

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.67	31.69	24.60	334.5	.000
10	8.55	31.73	24.65	330.0	.033
20	3.97	31.85	25.31	267.3	.063
30	3.65	31.89	25.37	261.4	.089
50	3.55	31.91	25.40	259.1	.141

STATION 165

57-01 N 160-39 W 23 JUL 1939 0630 GCT
WEATHER O BAR 29.75 WIND SW 2 SEA SW 2
TEMPERATURE DRY 49 WET 49 DEPTH 64

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.13	31.80	24.91	.655		.00	11
5	7.00	31.82	24.94	.673		.00	10
10	5.55	31.87	25.16	.672		.00	10
15	3.80	31.92	25.38	.666		.08	12
20	3.67	31.92	25.39	.650		.08	11
30	3.55	31.92	25.41	.645		.08	11
40	3.50	31.92	25.41	.664		.09	12
50	3.48	31.92	25.41	.642		.09	12
58	3.47	31.94	25.43	.660		.09	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.13	31.80	24.91	305.5	.000
10	5.55	31.87	25.16	281.6	.029
20	3.67	31.92	25.39	259.3	.056
30	3.55	31.92	25.41	258.3	.082
50	3.48	31.92	25.41	257.7	.134

STATION 166

57-10 N 160-48 W 23 JUL 1939 0840 GCT
WEATHER O BAR 29.76 WIND SW 4 SEA WSW 2
TEMPERATURE DRY 49 WET 49 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.85	31.85	24.98	.661		.00	9
5	6.79	31.85	24.99	.629		.00	9
10	6.76	31.85	25.00	.655		.00	9
15	5.66	31.85	25.13	.666		.00	27
20	5.61	31.92	25.19	.634		.07	10
30	3.36	31.94	25.44	.664		.07	10
40	3.32	31.94	25.44	.645		.08	11
50	3.30	31.96	25.46	.666		.08	11
60	3.33	31.96	25.46	.645		.08	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.85	31.85	24.98	298.3	.000
10	6.76	31.85	25.00	297.3	.030
20	5.61	31.92	25.19	278.6	.059
30	3.36	31.94	25.44	255.1	.086
50	3.30	31.96	25.46	253.2	.137

STATION 167

57-18 N 160-55 W 23 JUL 1939 1100 GCT
WEATHER O BAR 29.74 WIND ESE 2 SEA WSW 2
TEMPERATURE DRY 47 WET 47 DEPTH 65

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.79	31.82	24.97	.632		.00	11
5	6.75	31.80	24.96	.643		.00	10
10	6.76	31.80	24.96	.656		.00	10
15	5.92	31.80	25.06	.648		.00	11
20	5.36	31.80	25.13	.657		.02	12
30	3.39	31.87	25.38	.656		.04	14
40	3.34	31.89	25.40	.667		.04	11
50	3.32	31.89	25.40	.664		.06	13
60	3.31	31.89	25.40	.658		.06	14

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.79	31.82	24.97	299.8	.000
10	6.76	31.80	24.96	301.0	.030
20	5.36	31.80	25.13	284.9	.059
30	3.39	31.87	25.38	260.7	.086
50	3.32	31.89	25.40	258.6	.138

STATION 168

57-28 N 161-03 W 23 JUL 1939 1319 GCT
WEATHER O R BAR 29.71 WIND SE 2 SEA SW 2
TEMPERATURE DRY 47 WET 47 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.72	31.67	24.86	.486		.00	10
5	6.66	31.71	24.90	.508		.00	9
10	6.58	31.71	24.91	.632		.00	8
15	5.97	31.73	25.00	.648		.00	9
20	5.05	31.74	25.11	.648		.00	9
30	3.07	31.82	25.37	.664		.01	11
40	3.06	31.82	25.37	.678		.01	11
50	3.04	31.83	25.38	.677		.01	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.72	31.67	24.86	310.1	.000
10	6.58	31.71	24.91	305.5	.031
20	5.05	31.74	25.11	286.1	.061
30	3.07	31.82	25.37	261.8	.088
50	3.04	31.83	25.38	260.8	.140

STATION 169

57-37 N 161-12 W 23 JUL 1939 1532 GCT
WEATHER O R M BAR 29.71 WIND SE 2 SEA SW 2
TEMPERATURE DRY 46 WET 46 DEPTH 55

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.72	31.51	24.73	.625		.00	6
5	6.70	31.53	24.75	.621		.00	7
10	6.74	31.53	24.75	.529		.00	7
15	6.26	31.55	24.82	.626		.00	6
20	3.37	31.71	25.25	.529		.00	5
30	3.02	31.71	25.28	.660		.00	7
40	2.97	31.73	25.30	.663		.00	7
50	2.95	31.73	25.31	.664		.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.72	31.51	24.73	322.1	.000
10	6.74	31.53	24.75	320.9	.032
20	3.37	31.71	25.25	272.5	.062
30	3.02	31.71	25.28	269.7	.089
50	2.95	31.73	25.31	267.7	.143

STATION 170

57-46 N 161-20 W 23 JUL 1939 1745 GCT
WEATHER O F BAR 29.70 WIND SE 2 SEA SW 2
TEMPERATURE DRY 47 WET 47 DEPTH 47

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.14	31.38	24.82	.638		.00	3
5	5.14	31.42	24.85	.628		.00	3
10	4.20	31.44	24.96	.617		.00	3
15	4.10	31.44	24.97	.635		.00	3
20	4.07	31.44	24.98	.614		.00	2
30	3.85	31.47	25.02	.582		.00	4
40	3.70	31.49	25.05	.640		.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.14	31.38	24.82	314.0	.000
10	4.20	31.44	24.96	300.2	.031
20	4.07	31.44	24.98	299.1	.061
30	3.85	31.47	25.02	294.9	.091

STATION 171

57-56 N 161-28 W 24 JUL 1939 0008 GCT
WEATHER O BAR 29.73 WIND SW 2 SEA SW 2
TEMPERATURE DRY 47 WET 47 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.43	30.97	24.35	.613		.00	8
5	5.99	30.99	24.41	.621		.00	8
10	5.03	31.11	24.62	.623		.00	8
15	4.64	31.15	24.69	.624		.00	9
20	4.60	31.15	24.69	.616		.00	10
30	4.61	31.15	24.69	.617		.00	9
40	4.56	31.18	24.72	.620		.00	9
45	4.53	31.15	24.70	.620		.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.43	30.97	24.35	359.0	.000
10	5.03	31.11	24.62	333.2	.035
20	4.60	31.15	24.69	326.0	.068
30	4.61	31.15	24.69	326.1	.101

STATION 172

58-05 N 161-35 W 24 JUL 1939 0130 GCT
WEATHER O BAR 29.73 WIND SW 2 SEA W 2
TEMPERATURE DRY 47 WET 47 DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.77	30.41	23.73	.594		.00	4
5	7.72	30.41	23.74	.601		.00	4
10	6.85	30.57	23.98	.598		.00	5
20	6.53	30.62	24.06	.603		.00	5
30	6.50	30.64	24.08	.597		.00	6
36	6.39	30.66	24.11	.593		.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.77	30.41	23.73	417.6	.000
10	6.85	30.57	23.98	394.1	.041
20	6.53	30.62	24.06	386.6	.080
30	6.50	30.64	24.08	384.9	.119

STATION 173

58-14 N 161-45 W 24 JUL 1939 0358 GCT
WEATHER O F BAR 29.74 WIND SSW 2 SEA W 2
TEMPERATURE DRY 46 WET 46 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.66	30.35	23.70	.583		.00	12
5	7.64	30.37	23.72	.607		.00	9
10	7.67	30.37	23.71	.586		.00	10
15	7.61	30.37	23.72	.598		.00	9
20	7.62	30.37	23.72	.594		.00	8
30	7.14	30.35	23.77	.584		.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.66	30.35	23.70	420.6	.000
10	7.67	30.37	23.71	419.4	.042
20	7.62	30.37	23.72	418.9	.084
30	7.14	30.35	23.77	414.4	.126

STATION 174

58-23 N 161-51 W 24 JUL 1939 0610 GCT
WEATHER O BAR 29.73 WIND SSW 3 SEA SW 2
TEMPERATURE DRY 46 WET 46 DEPTH 33

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.66	29.85	23.17	.591		.00	3
5	8.63	29.81	23.14	.573		.01	3
10	8.53	29.96	23.27	.583		.01	2
15	8.33	30.03	23.36	.589		.02	3
20	8.15	30.16	23.48	.601		.02	2
25	7.99	30.28	23.60	.594		.02	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.66	29.85	23.17	471.4	.000
10	8.53	29.96	23.27	461.5	.047
20	8.15	30.16	23.48	441.5	.092

STATION 175

58-35 N 162-00 W 24 JUL 1939 0800 GCT
WEATHER O BAR 29.75 WIND SW 5 SEA SW 3
TEMPERATURE DRY 48 WET 48 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.27	29.58	22.87	.580		.00	3
5	8.60	29.94	23.25	.584		.00	3
10	8.27	30.17	23.47	.594		.00	3
15	8.10	30.28	23.58	.598		.00	5
20	8.01	30.35	23.65	.592		.00	4
30	7.96	30.39	23.69	.594		.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$.10^5\delta$	ΔD
0	9.27	29.58	22.87	500.2	.000
10	8.27	30.17	23.47	442.3	.047
20	8.01	30.35	23.65	425.5	.090
30	7.96	30.39	23.69	421.9	.132

STATION 176

57-44 N 157-47 W 25 JUL 1939 0243 GCT
WEATHER O BAR 29.92 WIND W 3 SEA SW 1
TEMPERATURE DRY 51 WET 50 DEPTH 15

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.56	28.98	22.20	.555		.03	11
5	10.54	28.96	22.18	.556		.03	10
10	10.58	28.96	22.18	.559		.03	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.56	28.98	22.20	564.2	.000
10	10.58	28.96	22.18	566.2	.057

STATION 177

57-54 N 157-47 W 25 JUL 1939 0415 GCT
WEATHER O BAR 29.91 WIND W 2 SEA SW 1
TEMPERATURE DRY 51 WET 50 DEPTH 19

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.83	28.98	22.15	.558		.00	4
5	10.82	28.98	22.15	.435		.00	4
10	10.85	28.98	22.15	.512		.00	3
14		29.02		.559		.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.83	28.98	22.15	568.5	.000
10	10.85	28.98	22.15	568.5	.057

STATION 178

58-04 N 157-46 W 25 JUL 1939 0600 GCT
WEATHER C M BAR 29.91 WIND W 2 SEA SW 1
TEMPERATURE DRY 51 WET 50 DEPTH 20

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.95	28.77	21.97	.556		.00	10
5	10.95	28.77	21.97	.554		.00	10
10	11.00	28.71	21.91	.555		.00	8
15	10.93	28.73	21.94	.559		.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.95	28.77	21.97	586.0	.000
10	11.00	28.71	21.91	591.4	.059

STATION 179

58-13 N 157-44 W 25 JUL 1939 0726 GCT
WEATHER C M BAR 29.91 WIND W 2 SEA SW 1
TEMPERATURE DRY 51 WET 50 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	CAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.97	29.13	22.41	.576		.01	5
5	9.93	29.13	22.41	.576		.01	5
10	9.91	29.14	22.43	.576		.02	5
15	9.79	29.14	22.46	.576		.02	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	CAL	SIG-T	10^5 δ	ΔD
0	9.97	29.13	22.41	544.0	.000
10	9.91	29.14	22.43	542.5	.054

STATION 180

58-22 N 157-44 W 25 JUL 1939 0907 GCT
WEATHER C BAR 29.94 WIND W 1 SEA W 1
TEMPERATURE DRY 48 WET 47 DEPTH 16

OBSERVED VALUES

DEPTH	TEMP	CAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.68	28.95	22.15	.544		.05	9
5	10.66	28.95	22.16	.546		.05	9
10	10.68	28.98	22.18	.546		.06	10
12	10.62	28.95	22.16	.546		.07	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	CAL	SIG-T	10^5 δ	ΔD
0	10.68	28.95	22.15	568.4	.000
10	10.68	28.98	22.18	566.3	.057

STATION 181

58-22 N 157-44 W 25 JUL 1939 1004 GCT
WEATHER C BAR 29.96 WIND W 1 SEA W 1
TEMPERATURE DRY 49 WET 48 DEPTH 14

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.01	28.89	22.05	.533		.08	9
5	10.99	28.86	22.03	.437		.09	10
10	11.03	28.87	22.03	.535		.08	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.01	28.89	22.05	578.1	.000
10	11.03	28.87	22.03	580.0	.058

STATION 182

58-22 N 157-44 W 25 JUL 1939 1109 GCT
WEATHER C BAR 29.96 WIND W 1 SEA W 1
TEMPERATURE DRY 49 WET 48 DEPTH 13

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.20	28.75	21.91	.530		.04	13
5	11.16	28.77	21.93	.530		.04	12
10	11.20	28.77	21.93	.548		.07	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.20	28.75	21.91	591.5	.000
10	11.20	28.77	21.93	590.2	.059

STATION 183

58-22 N 157-44 W 25 JUL 1939 1203 GCT
WEATHER C BAR 29.96 WIND W 1 SEA W 1
TEMPERATURE DRY 50 WET 48 DEPTH 13

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.56	28.26	21.47	.522		.09	13
5	11.50	28.30	21.51	.539		.09	14
10	11.53	28.33	21.53	.534		.08	13

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	11.56	28.26	21.47	633.8	.000
10	11.53	28.33	21.53	628.2	.063

STATION 184

58-22 N 157-44 W 25 JUL 1939 1317 GCT
WEATHER C BAR 29.95 WIND SW 1 SEA SW 1
TEMPERATURE DRY 50 WET 48 DEPTH 14

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.59	28.08	21.33	.533		.08	12
5	11.59	28.15	21.38	.547		.08	12
10	11.59	28.28	21.48	.546		.08	13

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	11.59	28.08	21.33	647.6	.000
10	11.59	28.28	21.48	632.9	.064

STATION 185

58-20 N 158-03 W 25 JUL 1939 1532 GCT
WEATHER O BAR 29.94 WIND CALM SEA SW 1
TEMPERATURE DRY 49 WET 48 DEPTH 23

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.47	27.21	20.84	.577		.00	5
5	10.47	27.21	20.84	.567		.00	6
10	10.51	27.23	20.85	.556		.00	6
15	10.47	27.25	20.87	.567		.00	6
20		27.23		.568		.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.47	27.21	20.84	694.4	.000
10	10.51	27.23	20.85	693.3	.069
20	10.47	27.23	20.85	693.3	.138

STATION 186

58-24 N 158-20 W 25 JUL 1939 1728 GCT
WEATHER O BAR 29.94 WIND CALM SEA SW 1
TEMPERATURE DRY 49 WET 48 DEPTH 25

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.06	23.42	17.81	.586		.03	10
5	10.75	24.02	18.32	.583		.03	10
10	10.72	24.20	18.47	.586		.03	10
15	10.70	24.24	18.50	.586		.03	10
20	10.69	24.24	18.50	.586		.03	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.06	23.42	17.81	985.7	.000
10	10.72	24.20	18.47	922.4	.095
20	10.69	24.24	18.50	919.1	.187

STATION 187

58-28 N 158-36 W 25 JUL 1939 1910 GCT
WEATHER O BAR 29.93 WIND CALM SEA SW 1
TEMPERATURE DRY 49 WET 48 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.33	26.04	19.95	.609		.00	5
5	10.25	26.08	20.00	.597		.00	4
10	10.24	26.24	20.12	.597		.00	4
15	10.16	26.40	20.26	.601		.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.33	26.04	19.95	779.4	.000
10	10.24	26.24	20.12	763.2	.077

STATION 188A

58-18 N 158-28 W 25 JUL 1939 2045 GCT
WEATHER O BAR 29.99 WIND CALM SEA SW 1
TEMPERATURE DRY 49 WET 49 DEPTH 30

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.92	24.33	18.54	.588		.02	6
5	10.13	25.59	19.64	.590		.02	5
10	9.92	25.90	19.91	.589		.02	6
15	9.60	26.27	20.24	.585		.02	6
20		26.40		.591		.02	5
25		26.47		.595		.02	0

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.92	24.33	18.54	915.7	.000
10	9.92	25.90	19.91	783.9	.085

STATION 188B

58-18 N 158-28 W 25 JUL 1939 2124 GCT
WEATHER O BAR 29.99 WIND CALM SEA SW 1
TEMPERATURE DRY 49 WET 49 DEPTH 30

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.54	24.96	19.08	.594		.02	8
5	9.94	25.72	19.77	.597		.02	4
10	9.88	25.84	19.87	.588		.02	4
15	9.79	25.90	19.93	.589		.02	4
20	9.82	25.93	19.95	.590		.02	5
25	9.79	25.95	19.97	.589		.02	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.54	24.96	19.08	863.0	.000
10	9.88	25.84	19.87	787.8	.083
20	9.82	25.93	19.95	780.3	.161

STATION 189

58-10 N 158-19 W 25 JUL 1939 2303 GCT
WEATHER C BAR 29.99 WIND CALM SEA SW 1
TEMPERATURE DRY 52 WET 50 DEPTH 33

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.97	27.05	20.79	.594		.00	4
5	8.90	28.12	21.78	.586		.00	3
10	8.73	28.31	21.96	.603		.00	3
15	8.52	28.51	22.14	.604		.00	3
20	8.52	28.60	22.21			.00	3
25	8.38	28.86	22.44	.612		.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.97	27.05	20.79	698.8	.000
10	8.73	28.31	21.96	587.3	.064
20	8.52	28.60	22.21	562.9	.122

STATION 190

58-01 N 158-10 W 26 JUL 1939 0045 GCT
WEATHER C BAR 30.01 WIND CALM SEA SW 1
TEMPERATURE DRY 51 WET 49 DEPTH 33

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.59	29.43	22.85	.606		.00	5
5	8.41	29.43	22.88	.605		.00	6
10	8.44	29.43	22.87	.626		.00	6
15	8.38	29.49	22.93	.611		.00	6
20	8.37	29.45	22.90	.612		.00	7
30	8.35	29.47	22.92	.610		.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.59	29.43	22.85	501.7	.000
10	8.44	29.43	22.87	499.8	.050
20	8.37	29.45	22.90	497.5	.100
30	8.35	29.47	22.92	495.8	.150

STATION 191

57-52 N 158-04 W 26 JUL 1939 0218 GCT
WEATHER C BAR 30.00 WIND NNW 1 SEA WSW 1
TEMPERATURE DRY 50 WET 48 DEPTH 28

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.90	29.79	22.93	.590		.00	4
5	9.64	29.81	22.99	.596		.00	4
10	9.62	29.83	23.01	.595		.00	3
15	9.56	29.85	23.03	.595		.00	3
20		29.87		.595		.00	3
25	9.51	29.87	23.06	.585		.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.90	29.79	22.93	493.9	.000
10	9.62	29.83	23.01	486.8	.049
20	9.52	29.87	23.05	482.5	.097

STATION 192

57-43 N 157-55 W 26 JUL 1939 0400 GCT
WEATHER C BAR 29.97 WIND CALM SEA WSW 1
TEMPERATURE DRY 51 WET 49 DEPTH 22

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.31	29.33	22.51	.569		.05	11
5	10.00	29.60	22.77	.569		.00	10
10	10.01	29.63	22.79	.570		.00	10
15	9.97	29.63	22.80	.570		.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.31	29.33	22.51	534.4	.000
10	10.01	29.63	22.79	507.6	.052

STATION 193

57-26 N 158-00 W 26 JUL 1939 0636 GCT
WEATHER C BAR 29.97 WIND NE 1 SEA WSW 1
TEMPERATURE DRY 51 WET 50 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.79	29.79	22.79	.484		.00	18
5	10.76	29.88	22.86	.516		.00	17
10	10.79	29.83	22.82	.522		.00	17
14	10.65	29.85	22.86	.518		.00	18

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.79	29.79	22.79	507.8	.000
10	10.79	29.83	22.82	505.0	.051

STATION 194

57-30 N 158-05 W 26 JUL 1939 0739 GCT
WEATHER C BAR 29.97 WIND NE 1 SEA WSW 1
TEMPERATURE DRY 51 WET 50 DEPTH 26

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.22	30.66	23.72	.580		.00	4
5	9.21	30.64	23.70	.580		.00	4
10	9.24	30.66	23.71	.590		.00	5
15	9.17	30.66	23.72	.593		.00	5
20	9.19	30.68	23.74	.591		.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.22	30.66	23.72	419.1	.000
10	9.24	30.66	23.71	419.5	.042
20	9.19	30.68	23.74	417.5	.084

STATION 195

57-39 N 158-13 W 26 JUL 1939 0921 GCT
WEATHER C BAR 29.97 WIND W 1 SEA W 1
TEMPERATURE DRY 50 WET 50 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.57	30.82	23.94	.593		.00	3
5	8.54	30.82	23.94	.591		.00	3
10	8.57	30.82	23.94	.590		.00	2
15	8.53	30.84	23.96	.595		.00	2
20	8.53	30.84	23.96	.593		.00	2
25	8.52	30.84	23.96	.591		.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.57	30.82	23.94	397.9	.000
10	8.57	30.82	23.94	398.0	.040
20	8.53	30.84	23.96	396.1	.080

STATION 196

57-48 N 158-20 W 26 JUL 1939 1114 GCT
WEATHER C BAR 29.97 WIND N 1 SEA N 1
TEMPERATURE DRY 47 WET 47 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.28	30.52	23.75	.604		.00	1
5	8.24	30.55	23.78	.605		.00	2
10	8.26	30.55	23.77	.608		.00	2
15	8.17	30.57	23.80	.613		.00	3
20	8.16	30.59	23.82	.607		.00	3
30	8.15	30.57	23.80	.604		.00	3
35	8.13	30.57	23.81	.614		.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.28	30.52	23.75	416.2	.000
10	8.26	30.55	23.77	413.8	.042
20	8.16	30.59	23.82	409.6	.083
30	8.15	30.57	23.80	411.1	.124

STATION 197

57-56 N 158-28 W 26 JUL 1939 1310 GCT
WEATHER C BAR 29.99 WIND SE 1 SEA WSW 1
TEMPERATURE DRY 48 WET 47 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.83	29.52	23.03	.617		.00	3
5	7.76	29.54	23.05	.302		.00	3
10	7.74	29.60	23.10	.622		.00	3
15	7.62	29.65	23.16	.626		.00	3
20	7.58	29.69	23.19	.628		.00	4
30	7.56	29.70	23.20	.627		.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.83	29.52	23.03	484.9	.000
10	7.74	29.60	23.10	477.8	.048
20	7.58	29.69	23.19	469.1	.095
30	7.56	29.70	23.20	468.2	.142

STATION 198

58-06 N 158-36 W 26 JUL 1939 1455 GCT
WEATHER C BAR 29.99 WIND SE 2 SEA WSW 1
TEMPERATURE DRY 50 WET 49 DEPTH 33

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.66	26.38	20.3?	.588		.00	5
5	9.49	26.82	20.69	.553		.00	4
10	9.20	27.27	21.08	.591		.00	3
15	8.83	27.75	21.51	.584		.00	3
20	8.38	28.22	21.94	.609		.00	4
30	7.95	28.69	22.36	.614		.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.66	26.38	20.3?	744.2	.000
10	9.20	27.27	21.08	671.4	.071
20	8.38	28.22	21.94	589.4	.134
30	7.95	28.69	22.36	548.8	.191

STATION 199

58-15 N 158-43 W 26 JUL 1939 1615 GCT
WEATHER C BAR 29.99 WIND SSE 2 SEA WSW 1
TEMPERATURE DRY 50 WET 49 DEPTH 11

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.84	26.80	20.6?	.591			
5	9.83	26.80	20.6?	.590			
8	9.88	26.78	20.6?	.589			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.84	26.80	20.6?	715.5	.000

STATION 200

58-29 N 159-58 W 27 JUL 1939 0450 GCT
WEATHER C BAR 30.00 WIND SE 2 SEA SE 1
TEMPERATURE DRY 49 WET 49 DEPTH 24

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.47	28.78	22.21	.568		.02	12
5	9.43			.572		.02	12
10	9.48	28.78	22.21	.572		.02	12
15	9.41	28.80	22.24	.571		.02	12
20	9.40	28.80	22.24	.570		.00	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.47	28.78	22.21	562.6	.000
10	9.48	28.78	22.21	562.9	.056
20	9.40	28.80	22.24	560.4	.112

STATION 201

58-21 N 159-49 W 27 JUL 1939 0637 GCT
WEATHER C BAR 30.01 WIND CALM SEA SSW 1
TEMPERATURE DRY 50 WET 50 DEPTH 33

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.13	28.95	22.40	.593		.02	5
5	7.53	29.02	22.68	.563		.02	5
10	7.33	29.09	22.76	.547		.02	7
15	7.30	29.13	22.79	.562		.02	8
20	6.95	29.34	23.00	.564		.02	8
30	6.87	29.40	23.06	.556		.02	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.13	28.95	22.40	545.1	.000
10	7.33	29.09	22.76	510.8	.053
20	6.95	29.34	23.00	487.5	.103
30	6.87	29.40	23.06	482.2	.151

STATION 202

58-11 N 159-42 W 27 JUL 1939 0820 GCT
WEATHER 0 BAR 29.98 WIND CALM SEA SSW 1
TEMPERATURE DRY 50 WET 50 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.95	27.86	21.57	.611		.00	4
5	8.62	27.92	21.67	.612		.00	4
10	8.07	28.04	21.84	.608		.00	4
15	7.26	28.89	22.61	.587		.00	5
20	7.19	29.11	22.79	.583		.00	5
25	7.16	29.25	22.90	.578		.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.95	27.86	21.57	623.8	.000
10	8.07	28.04	21.84	598.7	.061
20	7.19	29.11	22.79	507.7	.116

STATION 203

58-03 N 159-32 W 27 JUL 1939 1003 GCT
WEATHER 0 BAR 29.99 WIND NNW 1 SEA SSW 1
TEMPERATURE DRY 50 WET 50 DEPTH 33

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.37	29.70	23.35	.612		.02	5
5	6.31	29.76	23.41	.608		.02	5
10	6.27	29.78	23.43	.607		.02	5
15	6.22	29.78	23.43	.608		.02	5
20	6.22	29.79	23.44	.607		.02	5
25	6.22	29.81	23.46	.604		.02	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.37	29.70	23.35	453.6	.000
10	6.27	29.78	23.43	446.5	.045
20	6.22	29.79	23.44	445.3	.090

STATION 204

57-53 N 159-25 W 27 JUL 1939 1153 GCT
WEATHER O P BAR 29.99 WIND SE 2 SEA W 1
TEMPERATURE DRY 47 WET 47 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.65	27.95	21.69	.611		.00	2
5	8.24	28.13	21.88	.619		.00	3
10	7.76	28.59	22.31	.557		.00	3
15	7.04	29.00	22.72	.567		.00	3
20	6.88	29.13	22.84	.599		.00	2
30	5.99	30.23	23.82	.641		.00	3
35	5.98	30.26	23.84	.559		.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	8.65	27.95	21.69	613.0	.000
10	7.76	28.59	22.31	553.6	.058
20	6.88	29.13	22.84	502.4	.111
30	5.99	30.23	23.82	409.8	.157

STATION 205

57-44 N 159-18 W 27 JUL 1939 1352 GCT
WEATHER O P BAR 29.96 WIND SE 1 SEA W 1
TEMPERATURE DRY 47 WET 47 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.12	30.55	24.05	.669		.00	4
5	6.04	30.59	24.09	.667		.00	4
10	6.09	30.59	24.09	.672		.00	4
15	6.06	30.59	24.09	.676		.00	5
20	6.07	30.59	24.09	.675		.00	4
30	6.07	30.61	24.11	.678		.00	4
35	6.07	30.62	24.11	.670		.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	6.12	30.55	24.05	387.0	.000
10	6.09	30.59	24.09	383.7	.039
20	6.07	30.59	24.09	383.6	.077
30	6.07	30.61	24.11	382.1	.115

STATION 206

57-35 N 159-10 W 27 JUL 1939 1550 GCT
WEATHER O BAR 29.99 WIND SE 1 SEA SW 1
TEMPERATURE DRY 46 WET 46 DEPTH 48

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.42	30.82	24.23	.584		.00	5
5	6.35	30.86	24.27	.578		.00	4
10	6.38	30.88	24.28	.575		.00	4
15	6.34	30.88	24.29	.585		.00	5
20	6.34	30.88	24.29	.577		.00	5
30	6.31	30.90	24.30	.583		.00	6
40	6.30	30.90	24.31	.582		.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.42	30.82	24.23	370.2	.000
10	6.38	30.88	24.28	365.3	.037
20	6.34	30.88	24.29	364.9	.074
30	6.31	30.90	24.30	363.2	.110

STATION 207

57-26 N 159-02 W 27 JUL 1939 1750 GCT
WEATHER C BAR 29.99 WIND SE 1 SEA SW 1
TEMPERATURE DRY 48 WET 47 DEPTH 48

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.58	31.17	24.48	.675		.00	4
5	6.53	31.18	24.50	.677		.00	5
10	6.46	31.18	24.51	.676		.00	6
15	6.52			.675		.00	6
20	6.47	31.18	24.51	.678		.00	6
25	6.48	31.18	24.50	.675		.00	7
30	6.48	31.18	24.50	.671		.00	6
40	6.50	31.18	24.50	.671		.00	6
45	6.49	31.18	24.50	.648		.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.58	31.17	24.48	345.8	.000
10	6.46	31.18	24.51	343.8	.034
20	6.47	31.18	24.51	344.0	.068
30	6.48	31.18	24.50	344.2	.102

STATION 208

57-18 N 158-53 W 27 JUL 1939 1945 GCT
WEATHER C BAR 30.00 WIND E 1 SEA SW 1
TEMPERATURE DRY 50 WET 49 DEPTH 47

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.54	31.22	24.40	.447		.00	5
5	7.58	31.24	24.41	.646		.00	5
10	7.53	31.24	24.41	.644		.00	5
15	7.56	31.24	24.41	.645		.00	4
20	7.53	31.24	24.41	.639		.00	5
30	7.50	31.24	24.42	.642		.00	5
40	7.51	31.26	24.43	.637		.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.54	31.22	24.40	354.1	.000
10	7.53	31.24	24.41	352.6	.035
20	7.53	31.24	24.41	352.7	.070
30	7.50	31.24	24.42	352.5	.105

STATION 209

57-09 N 158-45 W 27 JUL 1939 2143 GCT
WEATHER BC BAR 29.99 WIND NW 1 SEA W 1
TEMPERATURE DRY 50 WET 50 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.20	31.22	24.30	.660		.00	5
5	7.54	31.27	24.44	.662		.00	5
10	7.45	31.26	24.44	.663		.00	5
15	7.48	31.26	24.44	.661		.00	5
20	7.41	31.26	24.45	.660		.00	5
30	7.41	31.26	24.45	.666		.00	6
35	7.42	31.27	24.45	.663		.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.20	31.22	24.30	362.9	.000
10	7.45	31.26	24.44	350.1	.036
20	7.41	31.26	24.45	349.7	.071
30	7.41	31.26	24.45	349.8	.106

STATION 210

57-00 N 158-38 W 27 JUL 1939 2308 GCT
WEATHER C BAR 29.96 WIND NW 1 SEA W 1
TEMPERATURE DRY 53 WET 51 DEPTH 14

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.73	29.83	22.83	.535		.00	9
5	10.07	30.16	23.19	.551		.00	9
10	9.88	30.25	23.29	.558		.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.73	29.83	22.83	503.9	.000
10	9.88	30.25	23.29	459.6	.048

STATION 211

57-10 N 158-27 W 28 JUL 1939 0129 GCT
WEATHER C BAR 29.98 WIND N 2 SEA W 1
TEMPERATURE DRY 53 WET 51 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.94	30.34	23.35	.520		.00	14
5	9.73	30.35	23.39	.530		.00	14
10	9.50	30.50	23.55	.549		.00	14

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.94	30.34	23.35	453.7	.000
10	9.50	30.50	23.55	435.3	.044

STATION 212

57-08 N 158-32 W 28 JUL 1939 0231 GCT
WEATHER C BAR 29.94 WIND W 1 SEA W 1
TEMPERATURE DRY 51 WET 50 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.83	30.70	23.65	.586		.00	8
5	9.01	30.90	23.93	.604		.00	8
10	8.42	31.02	24.12	.547		.00	7
15	8.35	31.06	24.16	.567		.00	7
20	8.24	31.08	24.19	.535		.00	7
30	8.23	31.08	24.19	.622		.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.83	30.70	23.65	425.2	.000
10	8.42	31.02	24.12	381.0	.040
20	8.24	31.08	24.19	374.2	.078
30	8.23	31.08	24.19	374.2	.115

STATION 213

57-22 N 158-38 W 28 JUL 1939 0423 GCT
WEATHER C BAR 29.93 WIND N 2 SEA W 1
TEMPERATURE DRY 50 WET 50 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.13	31.11	24.08	.606		.00	2
5	8.15	31.17	24.27	.626		.00	2
10	7.95	31.18	24.31	.623		.00	3
15	7.95	31.18	24.31	.624		.00	3
20	7.82	31.20	24.34	.626		.00	3
30	7.80	31.20	24.35	.625		.00	4
35	7.80	31.24	24.38	.629		.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.13	31.11	24.08	384.3	.000
10	7.95	31.18	24.31	362.6	.037
20	7.82	31.20	24.34	359.5	.073
30	7.80	31.20	24.35	359.4	.109

STATION 214

57-31 N 158-45 W 28 JUL 1939 0630 GCT
WEATHER C BAR 29.92 WIND NNE 1 SEA W 1
TEMPERATURE DRY 49 WET 48 DEPTH 48

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.47	31.18	24.38	.641		.00	5
5	7.43	31.18	24.38	.646		.00	5
10	7.27	31.18	24.40	.648		.00	4
15	7.26	31.22	24.43	.646		.00	4
20	7.17	31.24	24.46	.646		.00	4
30	7.10	31.24	24.47	.014		.00	4
40	7.13	31.22	24.45	.645		.00	4
45	7.13	31.22	24.45	.644		.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.47	31.18	24.38	356.2	.000
10	7.27	31.18	24.40	353.7	.035
20	7.17	31.24	24.46	348.1	.070
30	7.10	31.24	24.47	347.3	.105

STATION 215

57-40 N 158-53 W 28 JUL 1939 0830 GCT
WEATHER C BAR 29.92 WIND E 1 SEA W 1
TEMPERATURE DRY 48 WET 48 DEPTH 49

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.52	30.90	24.28	.660		.00	6
5	6.56	30.91	24.28	.662		.00	5
10	6.61	30.93	24.29	.673		.00	5
15	6.57	30.93	24.30	.013		.00	5
20	6.48	30.95	24.32	.660		.00	5
30	6.54	30.95	24.32	.658		.00	4
40	6.54	30.93	24.30	.659		.00	4
45	6.54	30.93	24.30	.658		.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.52	30.90	24.28	365.4	.000
10	6.61	30.93	24.29	364.3	.036
20	6.48	30.95	24.32	361.3	.072
30	6.54	30.95	24.32	362.1	.108

STATION 216

57-48 N 159-01 W 28 JUL 1939 1019 GCT
WEATHER C BAR 29.92 WIND ESE 1 SEA W 1
TEMPERATURE DRY 48 WET 48 DEPTH 42

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.30	30.64	24.10	.672		.02	5
5	6.34	30.64	24.10	.675		.02	4
10	6.34	30.64	24.10	.673		.02	4
15	6.34	30.62	24.08	.672		.00	4
20	6.32	30.64	24.10	.675		.00	4
30	6.32	30.64	24.10	.670		.00	4
35	6.32	30.64	24.10	.672		.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.30	30.64	24.10	382.3	.000
10	6.34	30.64	24.10	382.8	.038
20	6.32	30.64	24.10	382.7	.076
30	6.32	30.64	24.10	382.8	.114

STATION 217

57-57 N 159-09 W 28 JUL 1939 1211 GCT
WEATHER C BAR 29.90 WIND ESE 1 SEA W 1
TEMPERATURE DRY 48 WET 47 DEPTH 38

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.72	27.70	21.34	.593		.00	3
5	8.61	28.04	21.76	.602		.00	3
10	8.22	28.13	21.89	.609		.00	3
15	7.69	28.55	22.29	.606		.00	3
20	6.35	29.90	23.51	.587		.00	4
30	6.08	30.21	23.79	.623		.00	4
35	6.07	30.21	23.79	.630		.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.72	27.70	21.34	646.7	.000
10	8.22	28.13	21.89	593.9	.062
20	6.35	29.90	23.51	438.5	.114
30	6.08	30.21	23.79	412.3	.157

STATION 218

58-06 N 159-16 W 28 JUL 1939 1352 GCT
WEATHER C BAR 29.89 WIND CALM SEA W 1
TEMPERATURE DRY 50 WET 50 DEPTH 28

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.99	27.94	21.63	.610		.00	2
5	8.44	28.08	21.82	.611		.00	3
10	7.82	28.40	22.15	.611		.00	3
15	7.72	28.57	22.30	.614		.00	3
20	7.58	28.64	22.37	.611		.00	3
25	7.50	28.69	22.42	.613		.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.99	27.94	21.63	618.4	.000
10	7.82	28.40	22.15	568.6	.059
20	7.58	28.64	22.37	547.7	.115

STATION 219

58-15 N 159-25 W 28 JUL 1939 1540 GCT
WEATHER C BAR 29.91 WIND NNW 2 SEA NNW 1
TEMPERATURE DRY 51 WET 50 DEPTH 25

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.78	28.01	21.57	.584		.00	3
5	9.12	28.13	21.76	.608		.00	3
10	8.00	28.31	22.06	.553		.00	3
15	7.81	28.62	22.33	.542		.00	3
20	7.51	28.80	22.51	.560		.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.78	28.01	21.57	624.5	.000
10	8.00	28.31	22.06	577.6	.060
20	7.51	28.80	22.51	534.8	.116

STATION 220

58-27 N 159-46 W 28 JUL 1939 1735 GCT
WEATHER C BAR 29.93 WIND NNW 2 SEA NNW 1
TEMPERATURE DRY 51 WET 50 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.87	28.44	22.04	.590		.02	4
5	8.81	28.44	22.05	.589		.02	4
10	8.06	28.59	22.27	.560		.02	5
15	8.03	28.68	22.34	.556		.02	10
20	7.85	28.80	22.46	.539		.05	10
25	7.86	28.91	22.55	.538		.06	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.87	28.44	22.04	579.4	.000
10	8.06	28.59	22.27	557.4	.057
20	7.85	28.80	22.46	539.1	.112

STATION 221

58-35 N 159-47 W 28 JUL 1939 2040 GCT
WEATHER C BAR 29.94 WIND ENE 2 SEA 0 0
TEMPERATURE DRY 54 WET 52 DEPTH 19

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.15	27.72	20.95	.568		.00	2
5	11.93	27.75	21.01	.557		.00	2
10	10.69	28.08	21.48	.539		.03	4
15	10.05	28.28	21.74	.538		.07	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.15	27.72	20.95	683.7	.000
10	10.69	28.08	21.48	633.2	.066

STATION 222

58-42 N 159-49 W 28 JUL 1939 2240 GCT
WEATHER C BAR 29.95 WIND ENE 1 SEA 0 0
TEMPERATURE DRY 56 WET 53 DEPTH 11

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	13.14	27.27	20.42	.558			16
5	12.75	27.27	20.49	.563			15
7	11.93	27.27	20.64	.557			15

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	13.14	27.27	20.42	734.3	.000

STATION 223A

58-35 N 159-39 W 29 JUL 1939 0820 GCT
WEATHER C BAR 29.96 WIND W 2 SEA 0 0
TEMPERATURE DRY 55 WET 53 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.35	27.65	20.86	.558			
5	12.35	27.66	20.87	.561			
10	10.75	28.01	21.41	.559			
15	10.26	28.13	21.59	.521			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.35	27.65	20.86	692.3	.000
10	10.75	28.01	21.41	639.4	.067

STATION 223B

58-35 N 159-39 W 29 JUL 1939 0915 GCT
WEATHER C BAR 29.96 WIND W 2 SEA 0 0
TEMPERATURE DRY 55 WET 53 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.31	27.74	20.94	.561			
5	12.29	27.74	20.94	.559			
10	11.14	28.03	21.36	.558			
15	10.05	28.19	21.67	.514			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.31	27.74	20.94	684.9	.000
10	11.14	28.03	21.36	644.1	.066

STATION 223C

58-35 N 159-39 W 29 JUL 1939 1013 GCT
WEATHER BC BAR 29.96 WIND W 2 SEA 0 0
TEMPERATURE DRY 55 WET 53 DEPTH 19

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.32	27.74	20.94	.558			
5	12.13	27.79	21.01	.561			
10	10.12	28.19	21.65	.534			
15	9.92	28.39	21.84	.517			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.32	27.74	20.94	685.1	.000
10	10.12	28.19	21.65	616.3	.065

STATION 223D

58-35 N 159-39 W 29 JUL 1939 1105 GCT
WEATHER BC BAR 29.96 WIND W 2 SEA 0 0
TEMPERATURE DRY 55 WET 53 DEPTH 19

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.90	27.85	21.09	.565			
5	11.80	27.86	21.12	.564			
10	10.74	28.15	21.52	.552			
15	9.93	28.22	21.71	.525			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	11.90	27.85	21.09	669.8	.000
10	10.74	28.15	21.52	628.8	.065

STATION 223E

58-35 N 159-39 W 29 JUL 1939 1213 GCT
WEATHER BC BAR 29.95 WIND W 3 SEA
TEMPERATURE DRY 54 WET 53 DEPTH 19

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.40	27.94	21.25	.561			
5	11.39	27.92	21.24	.563			
10	10.24	28.19	21.64	.532			
15	9.97	28.21	21.69	.521			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	11.40	27.94	21.25	654.9	.000
10	10.24	28.19	21.64	618.1	.064

STATION 223F

58-35 N 159-39 W 29 JUL 1939 1306 GCT
WEATHER BC BAR 29.96 WIND W 3 SEA
TEMPERATURE DRY 54 WET 53 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.32	27.94	21.26	.568			
5	11.26	27.94	21.27	.570			
10	10.54	28.17	21.57	.558			
15	9.86	28.17	21.68	.531			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.32	27.94	21.26	653.5	.000
10	10.54	28.17	21.57	624.2	.064

STATION 223G

58-35 N 159-39 W 29 JUL 1939 1400 GCT
WEATHER BC BAR 29.96 WIND WNW 3 SEA
TEMPERATURE DRY 54 WET 52 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.15	27.92	21.28	.561			
5	11.28	27.92	21.26	.568			
10	10.10	28.13	21.61	.544			
15	10.08	28.13	21.61	.535			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.15	27.92	21.28	652.3	.000
10	10.10	28.13	21.61	620.4	.064

STATION 223H

58-35 N 159-39 W 29 JUL 1939 1502 GCT
WEATHER BC BAR 29.96 WIND NW 3 SEA NW 1
TEMPERATURE DRY 54 WET 52 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.18	27.92	21.27	.568			
5	11.32	27.92	21.25	.572			
10	10.13	28.12	21.60	.538			
15	10.12	28.13	21.61	.533			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.18	27.92	21.27	652.8	.000
10	10.13	28.12	21.60	621.6	.064

STATION 223I

58-35 N 159-39 W 29 JUL 1939 1602 GCT
WEATHER BC BAR 29.96 WIND NW 3 SEA NW 1
TEMPERATURE DRY 54 WET 52 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.40	27.92	21.24	.543			
5	11.52	28.12	21.37	.562			
10	10.36	28.12	21.56	.556			
15	10.16	28.13	21.60	.536			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.40	27.92	21.24	656.3	.000
10	10.36	28.12	21.56	625.1	.064

STATION 223J

58-35 N 159-39 W 29 JUL 1939 1700 GCT
WEATHER BC BAR 29.97 WIND NW 3 SEA NW 1
TEMPERATURE DRY 54 WET 52 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.57	27.86	21.16	.564			
5	11.63	27.92	21.20	.559			
10	10.16	28.12	21.59	.536			
15	10.15	28.13	21.60	.521			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.57	27.86	21.16	663.6	.000
10	10.16	28.12	21.59	622.1	.064

STATION 223K

58-35 N 159-39 W 29 JUL 1939 1808 GCT
WEATHER BC BAR 29.98 WIND NW 3 SEA NW 1
TEMPERATURE DRY 54 WET 52 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.84	27.81	21.07	.555			
5	11.85	27.81	21.07	.560			
10	10.20	28.17	21.63	.538			
15	10.14	28.17	21.64	.522			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.84	27.81	21.07	671.8	.000
10	10.20	28.17	21.63	619.0	.065

STATION 223L

58-35 N 159-39 W 29 JUL 1939 1914 GCT
WEATHER BC BAR 29.99 WIND WNW 4 SEA NW 1
TEMPERATURE DRY 53 WET 52 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.72	27.83	21.11	.560			
5	11.85	27.83	21.09	.563			
10	10.10	28.15	21.63	.538			
15	10.06	28.15	21.63	.524			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	11.72	27.83	21.11	668.3	.000
10	10.10	28.15	21.63	619.0	.064

STATION 223M

58-35 N 159-39 W 29 JUL 1939 2003 GCT
WEATHER BC BAR 29.97 WIND W 4 SEA NW 1
TEMPERATURE DRY 54 WET 54 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.52	27.83	21.15	.561			
5	11.56	27.83	21.14	.562			
10	10.16	28.19	21.65	.552			
15	9.96	28.21	21.70	.519			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	11.52	27.83	21.15	665.0	.000
10	10.16	28.19	21.65	616.9	.064

STATION 223N

58-35 N 159-39 W 29 JUL 1939 2125 GCT
WEATHER BC BAR 29.96 WIND W 5 SEA NW 1
TEMPERATURE DRY 55 WET 54 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.70	28.01	21.25	.553			
5	11.48	27.95	21.24	.555			
10	10.28	28.13	21.58	.540			
15	9.84	28.21	21.71	.518			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.70	28.01	21.25	654.6	.000
10	10.28	28.13	21.58	623.2	.064

STATION 2230

58-35 N 159-39 W 29 JUL 1939 2225 GCT
WEATHER BC BAR 29.95 WIND W 5 SEA NW 1
TEMPERATURE DRY 55 WET 54 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.86	27.90	21.14	.560			
5	11.76	27.94	21.19	.560			
10	9.95	28.21	21.70	.530			
14	9.82	28.40	21.86	.521			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.86	27.90	21.14	665.4	.000
10	9.95	28.21	21.70	612.2	.064

STATION 223P

58-35 N 159-39 W 29 JUL 1939 2308 GCT
WEATHER BC BAR 29.95 WIND W 5 SEA NW 1
TEMPERATURE DRY 56 WET 55 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.00	27.83	21.06	.563			
5	12.04	27.88	21.09	.716			
10	9.84	28.24	21.74	.536			
15	9.78	28.26	21.76	.518			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.00	27.83	21.06	673.0	.000
10	9.84	28.24	21.74	608.4	.064

STATION 223Q

58-35 N 159-39 W 29 JUL 1939 2400 GCT
WEATHER BC BAR 29.95 WIND W 5 SEA NW 1
TEMPERATURE DRY 56 WET 54 DEPTH 16

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.27	27.81	21.00	.565			
5	12.24	27.79	20.99	.568			
10	10.02	28.15	21.64	.561			
14	9.86	28.21	21.71	.529			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.27	27.81	21.00	679.1	.000
10	10.02	28.15	21.64	617.8	.065

STATION 223R

58-35 N 159-39 W 30 JUL 1939 0111 GCT
WEATHER BC BAR 29.94 WIND W 5 SEA NW 1
TEMPERATURE DRY 56 WET 54 DEPTH 16

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.81	27.63	20.76	.586			
5	12.82	27.63	20.76	.583			
10	10.14	28.12	21.60	.564			
14	9.91	28.21	21.70	.531			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.81	27.63	20.76	701.8	.000
10	10.14	28.12	21.60	621.8	.066

STATION 223S

58-35 N 159-39 W 30 JUL 1939 0206 GCT
WEATHER BC BAR 29.91 WIND W 5 SEA W 1
TEMPERATURE DRY 56 WET 54 DEPTH 16

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	13.16	27.48	20.58	.578			
5	12.01	27.75	21.00	.583			
10	10.07	28.15	21.63	.551			
12.5	10.03	28.15	21.64	.544			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	13.16	27.48	20.58	719.1	.000
10	10.07	28.15	21.63	618.5	.067

STATION 223T

58-35 N 159-39 W 30 JUL 1939 0303 GCT
WEATHER BC BAR 29.91 WIND WSW 5 SEA W 1
TEMPERATURE DRY 56 WET 54 DEPTH 15

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	13.56	27.41	20.45	.564			
5	13.36	27.45	20.52	.576			
10	10.17	27.45	21.07	.547			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 6$	ΔD
0	13.56	27.41	20.45	731.6	.000
10	10.17	27.45	21.07	672.1	.070

STATION 223U

58-35 N 159-39 W 30 JUL 1939 0354 GCT
WEATHER BC BAR 29.91 WIND WSW 5 SEA NW 1
TEMPERATURE DRY 56 WET 54 DEPTH 15

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	13.47	27.38	20.45	.511			
5	13.50	27.43	20.48	.562			
10	10.23	27.45	21.06	.548			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 6$	ΔD
0	13.47	27.38	20.45	732.2	.000
10	10.23	27.45	21.06	673.0	.070

STATION 223V

58-35 N 159-39 W 30 JUL 1939 0505 GCT
WEATHER BC BAR 29.90 WIND WSW 5 SEA SW 1
TEMPERATURE DRY 56 WET 54 DEPTH 14

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	13.40	27.32	20.41	.568			
5	13.47	27.32	20.40	.573			
10	11.55	27.32	20.75	.568			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	13.40	27.32	20.41	735.3	.000
10	11.55	27.32	20.75	703.4	.072

STATION 223W

58-35 N 159-39 W 30 JUL 1939 0603 GCT
WEATHER BC BAR 29.89 WIND WSW 5 SEA SW 1
TEMPERATURE DRY 55 WET 53 DEPTH 12

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	13.03	27.47	20.60	.518			
5	13.12	27.45	20.57	.525			
9	10.94	27.94	21.33	.528			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	13.03	27.47	20.60	717.6	.000

STATION 224

56-26 N 160-12 W 13 AUG 1939 2310 GCT
WEATHER O R BAR 29.83 WIND SW 1 SEA SW 1
TEMPERATURE DRY 50 WET 47 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.05	30.57	23.51				
5	10.02	30.59	23.53				
10	10.00	30.64	23.58				
14	10.04	30.64	23.57				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.05	30.57	23.51	438.3	.000
10	10.00	30.64	23.58	432.5	.044

STATION 225

56-33 N 160-16 W 14 AUG 1939 0208 GCT
WEATHER O P BAR 29.73 WIND NE 2 SEA W 1
TEMPERATURE DRY 48 WET 48 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.49	31.62	24.42				
5	9.49	31.64	24.44				
10	9.36	31.64	24.46				
15	9.30	31.64	24.47				
20	9.18	31.62	24.47				
30	8.78	31.64	24.55				
40	8.74	31.64	24.55				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	9.49	31.62	24.42	351.8	.000
10	9.36	31.64	24.46	348.5	.035
20	9.18	31.62	24.47	347.5	.070
30	8.78	31.64	24.55	340.3	.104

STATION 226

56-43 N 160-25 W 14 AUG 1939 0409 GCT
WEATHER O R BAR 29.70 WIND ENE 3 SEA W 1
TEMPERATURE DRY 49 WET 48 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.49	31.64	24.44				
5	9.49	31.64	24.44				
10	9.46	31.67	24.47				
15	9.43	31.69	24.49				
20	9.30	31.69	24.51				
30	6.11	31.69	24.95				
40	6.01	31.71	24.98				
50	5.85	31.71	25.00				
55	5.79	31.71	25.00				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.49	31.64	24.44	350.3	.000
10	9.46	31.67	24.47	347.8	.035
20	9.30	31.69	24.51	344.1	.070
30	6.11	31.69	24.95	301.7	.102
50	5.85	31.71	25.00	297.4	.162

STATION 227

56-52 N 160-32 W 14 AUG 1939 0635 GCT
WEATHER O D BAR 29.68 WIND NE 4 SEA NE 2
TEMPERATURE DRY 47 WET 46 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.12	31.65	24.50				
5	9.33	31.65	24.47				
10	9.31	31.65	24.47				
15	7.74	31.69	24.74				
20	4.27	31.83	25.27				
30	4.15	31.83	25.28				
40	4.12	31.85	25.30				
50	4.12	31.85	25.30				
60		31.85					
65	4.17	31.85	25.29				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.12	31.65	24.50	344.0	.000
10	9.31	31.65	24.47	347.0	.035
20	4.27	31.83	25.27	271.6	.066
30	4.15	31.83	25.28	270.5	.093
50	4.12	31.85	25.30	268.8	.147

STATION 228

57-01 N 160-40 W 14 AUG 1939 0933 GCT
WEATHER C BAR 29.67 WIND NE 4 SEA NE 2
TEMPERATURE DRY 48 WET 47 DEPTH 67

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.92	31.73	24.60				
5	8.83	31.73	24.61				
10	8.61	31.73	24.64				
15	3.83	31.85	25.32				
20	3.77	31.87	25.35				
30	3.72	31.87	25.35				
40	3.74	31.87	25.35				
50	3.71	31.89	25.37				
60	3.70	31.89	25.37				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.92	31.73	24.60	335.1	.000
10	8.61	31.73	24.64	330.8	.033
20	3.77	31.87	25.35	263.9	.063
30	3.72	31.87	25.35	263.5	.089
50	3.71	31.89	25.37	262.0	.142

STATION 229

57-10 N 160-47 W 14 AUG 1939 1201 GCT
WEATHER O P BAR 29.69 WIND NNW 4 SEA WNW 2
TEMPERATURE DRY 48 WET 48 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.85	31.73	24.61				
5	8.85	31.74	24.61				
10	8.84	31.74	24.62				
15	8.40	31.78	24.71				
20	3.90	31.89	25.35				
30	3.71	31.91	25.38				
40	3.73	31.91	25.38				
50	3.69	31.91	25.38				
60	3.70	31.91	25.38				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.85	31.73	24.61	334.1	.000
10	8.84	31.74	24.62	333.4	.033
20	3.90	31.89	25.35	263.6	.063
30	3.71	31.91	25.38	260.4	.089
50	3.69	31.91	25.38	260.4	.141

STATION 230

57-19 N 160-55 W 14 AUG 1939 1409 GCT
WEATHER C BAR 29.69 WIND NNW 3 SEA W 2
TEMPERATURE DRY 48 WET 48 DEPTH 67

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.33	31.74	24.69				
5	8.36	31.74	24.69				
10	8.33	31.74	24.69				
15	3.97	31.92	25.37				
20	3.70	31.92	25.39				
30	3.69	31.92	25.39				
40	3.72	31.89	25.37				
50	3.67	31.92	25.39				
60	3.62	31.92	25.40				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.33	31.74	24.69	326.0	.000
10	8.33	31.74	24.69	326.1	.033
20	3.70	31.92	25.39	259.5	.062
30	3.69	31.92	25.39	259.5	.088
50	3.67	31.92	25.39	259.4	.140

STATION 231

57-28 N 161-03 W 14 AUG 1939 1602 GCT
WEATHER C BAR 29.70 WIND N 3 SEA WSW 2
TEMPERATURE DRY 49 WET 48 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.26	31.71	24.68				
5	8.26	31.71	24.68				
10	8.22	31.71	24.68				
15	7.03	31.74	24.87				
20	3.91	31.85	25.32				
30	3.90	31.85	25.32				
40	3.90	31.85	25.32				
50	3.88	31.85	25.32				
55	3.87	31.76	25.25				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.26	31.71	24.68	327.2	.000
10	8.22	31.71	24.68	326.8	.033
20	3.91	31.85	25.32	266.7	.063
30	3.90	31.85	25.32	266.7	.090
50	3.88	31.85	25.32	266.6	.143

STATION 232

57-37 N 161-10 W 14 AUG 1939 1830 GCT
WEATHER BC BAR 29.71 WIND N 3 SEA SW 2
TEMPERATURE DRY 50 WET 49 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.30	31.62	24.60				
5	8.31	31.62	24.60				
10	5.16	31.74	25.10				
15	3.85	31.82	25.30				
20	3.81	31.82	25.30				
30	3.73	31.82	25.31				
40	3.70	31.83	25.32				
50	3.66	31.83	25.32				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.30	31.62	24.60	334.5	.000
10	5.16	31.74	25.10	287.2	.031
20	3.81	31.82	25.30	268.1	.059
30	3.73	31.82	25.31	267.4	.086
50	3.66	31.83	25.32	266.1	.139

STATION 233

57-46 N 161-20 W 14 AUG 1939 2034 GCT
WEATHER BC BAR 29.74 WIND W 2 SEA W 2
TEMPERATURE DRY 51 WET 50 DEPTH 48

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.04	31.51	24.55				
5		31.51					
10	5.05	31.58	24.99				
15	3.88	31.65	25.16				
20	3.81	31.65	25.17				
30	3.73	31.65	25.17				
40	3.76	31.65	25.17				
44	3.72	31.67	25.19				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.04	31.51	24.55	339.1	.000
10	5.05	31.58	24.99	298.1	.032
20	3.81	31.65	25.17	280.9	.061
30	3.73	31.65	25.17	280.2	.089

STATION 234

57-55 N 161-28 W 14 AUG 1939 2216 GCT
WEATHER BC BAR 29.74 WIND NW 3 SEA NW 2
TEMPERATURE DRY 52 WET 51 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.12	31.24	24.33				
5	8.07	31.24	24.34				
10	5.64	31.42	24.79				
15	4.60	31.53	24.99				
20	4.41	31.56	25.04				
30	4.33	31.58	25.06				
40	4.28	31.58	25.07				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.12	31.24	24.33	360.3	.000
10	5.64	31.42	24.79	316.4	.034
20	4.41	31.56	25.04	293.3	.064
30	4.33	31.58	25.06	291.0	.093

STATION 235

58-05 N 161-37 W 15 AUG 1939 0022 GCT
WEATHER BC BAR 29.78 WIND NW 5 SEA NW 2
TEMPERATURE DRY 52 WET 51 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.53	29.29	22.60				
5	9.45	29.33	22.64				
10	5.82	29.34	23.13				
15	5.45	29.52	23.32				
20	5.25	29.58	23.39				
30	5.27	29.56	23.37				
40	5.26	29.56	23.37				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.53	29.29	22.60	525.5	.000
10	5.82	29.34	23.13	474.6	.050
20	5.25	29.58	23.39	450.7	.096
30	5.27	29.56	23.37	452.4	.141

STATION 236

58-13 N 161-44 W 15 AUG 1939 0200 GCT
WEATHER BC BAR 29.79 WIND NW 5 SEA NW 2
TEMPERATURE DRY 53 WET 51 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.64	28.96	22.17				
5	10.59	28.96	22.18				
10	9.41	29.99	23.16				
15	6.90	30.53	23.94				
20	6.27	30.86	24.28				
30	6.02	30.93	24.36				
38	6.00	30.93	24.37				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.64	28.96	22.17	567.0	.000
10	9.41	29.99	23.16	471.8	.052
20	6.27	30.86	24.28	365.6	.094
30	6.02	30.93	24.36	357.6	.130

STATION 237

58-23 N 161-52 W 15 AUG 1939 0358 GCT
WEATHER BC BAR 29.8 WIND NW 5 SEA NW 2
TEMPERATURE DRY 54 WET 52 DEPTH 44

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.74	29.18	22.48				
5	9.74	29.18	22.48				
10	9.11	29.42	22.77				
15	7.59	30.17	23.57				
20	7.22	30.37	23.77				
30	7.13	30.53	23.91				
38	7.07	30.53	23.92				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.74	29.18	22.48	536.8	.000
10	9.11	29.42	22.77	509.9	.052
20	7.22	30.37	23.77	413.8	.098
30	7.13	30.53	23.91	400.8	.139

STATION 238

58-31 N 162-00 W 15 AUG 1939 0544 GCT
WEATHER BC BAR 29.81 WIND NW 4 SEA NW 3
TEMPERATURE DRY 53 WET 51 DEPTH 37

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.54	29.49	22.76				
5	9.50	29.52	22.78				
10	9.31	29.56	22.85				
15	9.10	29.61	22.92				
20	8.40	29.90	23.24				
30	8.22	29.92	23.29				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.54	29.49	22.76	510.8	.000
10	9.31	29.56	22.85	502.4	.051
20	8.40	29.90	23.24	464.3	.099
30	8.22	29.92	23.29	460.5	.145

STATION 239

58-36 N 162-05 W 15 AUG 1939 0702 GCT
WEATHER BC BAR 29.81 WIND NW 5 SEA NW 3
TEMPERATURE DRY 52 WET 50 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.04	29.60	22.76				
5	10.04	29.60	22.76				
10	10.02	29.60	22.77				
15	10.07	29.60	22.76				
20	10.00	29.56	22.74				
30		29.58					

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.04	29.60	22.76	510.1	.000
10	10.02	29.60	22.77	510.0	.051
20	10.00	29.56	22.74	512.3	.102

STATION 240

58-32 N 161-41 W 15 AUG 1939 0850 GCT
WEATHER C BAR 29.79 WIND NW 5 SEA NW 3
TEMPERATURE DRY 50 WET 49 DEPTH 24

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.80	29.36	22.61				
5	9.75	29.36	22.62				
10	9.60	29.42	22.69				
15	9.48	29.43	22.72				
19	9.41	29.43	22.73				

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.80	29.36	22.61	524.3	.000
10	9.60	29.42	22.69	517.0	.052

STATION 241

58-27 N 161-35 W 15 AUG 1939 0930 GCT
WEATHER C BAR 29.75 WIND NW 5 SEA NW 3
TEMPERATURE DRY 50 WET 49 DEPTH 29

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.45	29.34	22.65				
5	9.42	29.34	22.66				
10	9.41	29.36	22.67				
15	9.46	29.34	22.65				
20	9.40	29.34	22.66				
25		29.38					

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.45	29.34	22.65	520.6	.000
10	9.41	29.36	22.67	518.7	.052
20	9.40	29.34	22.66	519.9	.104

STATION 242

58-17 N 161-27 W 15 AUG 1939 1203 GCT
WEATHER C BAR 29.80 WIND NNW 5 SEA NW 2
TEMPERATURE DRY 49 WET 48 DEPTH 38

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.75	29.11	22.43	.571	0.60	.00	3
5	9.72	29.11	22.43	.459	0.80	.00	5
10	8.97	29.49	22.84	.580	0.45	.00	6
15	8.04	29.90	23.30	.579	0.55	.00	6
20	7.06	30.41	23.83	.577	0.60	.00	7
30	6.83	30.53	23.95	.579	0.60	.00	7
35	6.80	30.55	23.97	.582	0.55	.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.75	29.11	22.43	542.2	.000
10	8.97	29.49	22.84	502.7	.052
20	7.06	30.41	23.83	408.8	.098
30	6.83	30.53	23.95	397.1	.138

STATION 243

58-10 N 161-20 W 15 AUG 1939 1448 GCT
WEATHER C BAR 29.81 WIND NNW 5 SEA NW 2
TEMPERATURE DRY 51 WET 50 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.69	29.02	22.37	.596	0.50	.00	4
5	9.79	29.09	22.41	.586	0.45	.00	4
10	8.53	29.63	23.01	.587	0.45	.00	5
15	5.83	31.06	24.49	.590	0.55	.00	6
20	5.74	31.08	24.51	.584	0.55	.00	7
30	5.75	31.08	24.51	.580	0.60	.00	8
40	5.73	31.08	24.52	.595	0.60	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.69	29.02	22.37	548.0	.000
10	8.53	29.63	23.01	486.1	.052
20	5.74	31.08	24.51	343.1	.093
30	5.75	31.08	24.51	343.3	.127

STATION 244

58-03 N 161-14 W 15 AUG 1939 1542 GCT
WEATHER C BAR 29.80 WIND NNW 5 SEA NW 2
TEMPERATURE DRY 50 WET 49 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.08	29.58	22.90	.590	0.40	.00	5
5	9.03	29.58	22.90	.591	0.40	.00	5
10	8.63	29.92	23.23	.607	0.30	.00	6
15	5.26	31.44	24.85	.618	0.60	.00	6
20	5.11	31.46	24.88	.630	0.70	.00	6
30	5.18	31.47	24.88	.613	0.70	.00	8
40	5.16	31.49	24.90	.613	0.78	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	9.08	29.58	22.90	497.4	.000
10	8.63	29.92	23.23	465.9	.048
20	5.11	31.46	24.88	307.8	.087
30	5.18	31.47	24.88	307.9	.118

STATION 245

57-55 N 161-07 W 15 AUG 1939 1737 GCT
WEATHER C BAR 29.79 WIND NNW 5 SEA NW 2
TEMPERATURE DRY 51 WET 50 DEPTH 48

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.15	29.38	22.73	.578	0.45	.00	9
5	9.10	29.38	22.74	.603	0.55	.00	9
10	9.11	31.49	24.38	.627	0.65	.00	10
15	4.76	31.51	24.96	.626	0.75	.00	9
20	4.69	31.53	24.98	.623	0.70	.00	9
30	4.70	31.53	24.98	.629	0.70	.00	10
40	4.68	31.55	25.00	.619	0.70	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	9.15	29.38	22.73	513.3	.000
10	9.11	31.49	24.38	355.9	.043
20	4.69	31.53	24.98	298.3	.076
30	4.70	31.53	24.98	298.4	.106

STATION 246

57-47 N 161-00 W 15 AUG 1939 1926 GCT
WEATHER C BAR 29.82 WIND NNW 5 SEA NW 3
TEMPERATURE DRY 50 WET 49 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.25	30.03	23.22	.609	0.45	.00	9
5	9.17	30.03	23.23	.602	0.45	.00	8
10	8.27	31.15	24.24	.636	0.45	.00	8
15	4.24	31.69	25.16		0.70	.00	9
20	4.04	31.71	25.19	.622	0.75	.00	10
30	4.04	31.73	25.21	.627	0.75	.00	10
40	4.00	31.71	25.20	.620	0.80	.00	10
45	4.00	31.73	25.21	.625	0.75	.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.25	30.03	23.22	466.4	.000
10	8.27	31.15	24.24	369.2	.042
20	4.04	31.71	25.19	278.5	.074
30	4.04	31.73	25.21	277.0	.102

STATION 247

57-40 N 160-53 W 15 AUG 1939 2135 GCT
WEATHER BC BAR 29.80 WIND NNW 4 SEA NW 4
TEMPERATURE DRY 52 WET 50 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.83	31.65	24.69	.671	0.35	.00	5
5	7.79	31.65	24.70	.681	0.40	.00	5
10	7.76	31.65	24.70	.683	0.40	.00	4
15	7.82	31.67	24.71	.682	0.40	.00	4
20	4.58	31.80	25.21	.589	0.65	.00	10
30	4.24	31.80	25.24	.584	0.80	.05	12
40	4.17	31.78	25.24	.581	0.85	.06	12
50	4.18	31.78	25.23	.581	0.85	.06	12
55	4.18	31.80	25.25	.581	0.85	.06	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.83	31.65	24.69	325.8	.000
10	7.76	31.65	24.70	325.0	.033
20	4.58	31.80	25.21	276.8	.063
30	4.24	31.80	25.24	273.6	.091
50	4.18	31.78	25.23	274.7	.146

STATION 248

57-32 N 160-46 W 15 AUG 1939 2328 GCT
WEATHER BC BAR 29.81 WIND NNW 4 SEA NW 4
TEMPERATURE DRY 53 WET 51 DEPTH 63

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.32	31.71	24.67	.645	0.2	.00	4
5	8.30	31.71	24.67	.606	0.2	.00	4
10	7.39	31.71	24.80	.706	0.25	.00	6
15	4.22	31.85	25.29	.549	0.85	.00	10
20	4.17	31.85	25.29	.491	1.00	.03	10
30	4.20	31.85	25.29	.480	1.00	.04	12
40	4.16	31.85	25.29	.562	1.00	.04	12
50	4.11			.577	0.95	.04	14
60	4.08	31.85	25.30	.559	0.95	.04	14

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.32	31.71	24.67	328.1	.000
10	7.39	31.71	24.80	315.7	.032
20	4.17	31.85	25.29	269.1	.061
30	4.20	31.85	25.29	269.5	.088
50	4.11	31.85	25.30	268.7	.142

STATION 249

57-22 N 160-38 W 16 AUG 1939 0135 GCT
WEATHER BC BAR 29.83 WIND NNW 4 SEA NW 2
TEMPERATURE DRY 54 WET 52 DEPTH 63

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.82	31.74	24.62	.687	0.25	.00	2
5	8.78	31.74	24.63	.691	0.45	.00	3
10	8.62	31.74	24.65	.688	0.20	.00	3
15	4.22	31.85	25.29	.614	1.50	.06	10
20	4.06	31.85	25.30	.614	0.95	.07	11
30	4.07	31.89	25.33	.617	1.20	.07	11
40	4.01	31.89	25.34	.615	0.90	.07	11
50	3.97	31.89	25.34	.619	0.90	.06	11
60	3.98	31.89	25.34	.617	0.90	.07	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.82	31.74	24.62	332.9	.000
10	8.62	31.74	24.65	330.2	.033
20	4.06	31.85	25.30	268.1	.063
30	4.07	31.89	25.33	265.2	.090
50	3.97	31.89	25.34	264.4	.143

STATION 250

57-15 N 160-31 W 16 AUG 1939 0333 GCT
WEATHER BC BAR 29.81 WIND NW 4 SEA NW 2
TEMPERATURE DRY 52 WET 50 DEPTH 64

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.37	31.73	24.53	.608	0.35	.00	2
5	9.30	31.74	24.54	.621	0.30	.00	2
10	9.27	31.74	24.55	.625	0.35	.00	2
15	9.29	31.74	24.55	.623	0.30	.00	3
20	7.70	31.76	24.80	.617	0.45	.00	5
30	4.47	31.85	25.26	.603	1.05	.09	9
40	4.45	31.85	25.26	.596	0.95	.10	10
50	4.42	31.85	25.27	.582	1.30	.09	11
58	4.43	31.85	25.26	.597	0.95	.09	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.37	31.73	24.53	341.8	.000
10	9.27	31.74	24.55	339.7	.034
20	7.70	31.76	24.80	316.2	.067
30	4.47	31.85	25.26	272.1	.096
50	4.42	31.85	25.27	271.7	.150

STATION 251

57-06 N 160-23 W 16 AUG 1939 0535 GCT
WEATHER BC BAR 29.81 WIND WNW 3 SEA NW 2
TEMPERATURE DRY 51 WET 50 DEPTH 63

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.59	31.71	24.48	.613	0.00	.00	4
5	9.55			.637	0.05	.00	4
10	9.55	31.71	24.48	.638	0.10	.00	3
15	9.59	31.71	24.48	.639	0.10	.00	3
20	7.13	31.78	24.89	.588	0.30	.02	4
30	4.53	31.83	25.24	.588	0.85	.08	7
40	4.35	31.87	25.29	.589	0.85	.12	9
50	4.21	31.85	25.29	.598	0.85	.10	10
60	4.22	31.83	25.27	.595	0.85	.12	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.59	31.71	24.48	346.6	.000
10	9.55	31.71	24.48	346.2	.035
20	7.13	31.78	24.89	307.3	.068
30	4.53	31.83	25.24	274.2	.097
50	4.21	31.85	25.29	269.7	.151

STATION 252

56-56 N 160-10 W 16 AUG 1939 0723 GCT
WEATHER BC BAR 29.81 WIND WNW 3 SEA NW 2
TEMPERATURE DRY 50 WET 49 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.60	31.71	24.47	.601	0.00	.00	2
5	9.59	31.69	24.46	.601	0.10	.00	2
10	9.56	31.67	24.45	.602	0.10	.00	2
15	9.60	31.67	24.44	.601	0.10	.00	2
20	9.42	31.65	24.46	.600	0.10	.00	2
30	5.49	31.74	25.06	.546	0.85	.07	8
40	5.28	31.78	25.12	.540	0.85	.08	9
50	5.25	31.76	25.11	.543	0.85	.07	10
57	5.25	31.76	25.11	.545	0.85	.07	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.60	31.71	24.47	346.8	.000
10	9.56	31.67	24.45	349.3	.035
20	9.42	31.65	24.46	348.8	.070
30	5.49	31.74	25.06	290.9	.102
50	5.25	31.76	25.11	287.0	.160

STATION 253

56-47 N 160-08 W 16 AUG 1939 0925 GCT
WEATHER BC BAR 29.80 WIND WNW 2 SEA NW 2
TEMPERATURE DRY 49 WET 48 DEPTH 53

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.67	31.64	24.41	.651	0.00	.00	1
5	9.64	31.64	24.41	.652	0.00	.00	2
10	9.52	31.67	24.46	.638	0.10	.00	2
15	7.68	31.69	24.75	.638	0.35	.03	3
20	7.30	31.69	24.80	.522	0.40	.05	4
30	7.23	31.69	24.81	.517	0.35	.05	4
40	7.15	31.71	24.83	.516	0.40	.05	7
49	7.13	31.69	24.82	.513	0.45	.05	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.67	31.64	24.41	353.0	.000
10	9.52	31.67	24.46	348.7	.035
20	7.30	31.69	24.80	316.1	.068
30	7.23	31.69	24.81	315.4	.100

STATION 254

56-47 N 160-08 W 16 AUG 1939 1440 GCT
WEATHER BC BAR 29.75 WIND SE 2 SEA NW 1
TEMPERATURE DRY 48 WET 47 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.12	31.65	24.17	.614	0.00	.00	4
5	9.57	31.65	24.43	.616	0.00	.00	4
10	9.36	31.65	24.47	.610	0.00	.00	5
15	8.08	31.67	24.67	.550	0.60	.01	5
20	7.88	31.69	24.72	.538	0.40	.01	7
30	7.77	31.69	24.73	.528	0.45	.02	7
40	7.58	31.69	24.76	.528	0.45	.03	
48	7.55	31.69	24.76	.522	0.50	.03	

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.12	31.65	24.17	375.6	.000
10	9.36	31.65	24.47	347.8	.036
20	7.88	31.69	24.72	323.8	.070
30	7.77	31.69	24.73	322.5	.102

STATION 255

56-37 N 159-56 W 16 AUG 1939 1650 GCT
WEATHER O F BAR 29.73 WIND SE 1 SEA NW 1
TEMPERATURE DRY 47 WET 47 DEPTH 36

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.04	30.99	23.67	.572	0.35	.00	8
5	10.10	31.04	23.87	.573	0.35	.00	9
10	10.05	31.08	23.91	.573	0.35	.00	9
15	9.91	31.17	24.00	.561	0.40	.00	9
20	9.71	31.24	24.09	.554	0.25	.00	9
30		31.46		.543	0.25	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.04	30.99	23.67	423.0	.000
10	10.05	31.08	23.91	400.6	.041
20	9.71	31.24	24.09	383.4	.080

STATION 256

56-46 N 159-27 W 16 AUG 1939 2109 GCT
WEATHER BC BAR 29.71 WIND ENE 3 SEA NW 1
TEMPERATURE DRY 55 WET 54 DEPTH 24

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.28	30.61	23.51	.539	0.50	.05	14
5	9.87	30.86	23.77	.541	0.55	.03	12
10	9.90	30.90	23.80	.552	0.55	.02	10
15	9.87	30.95	23.84	.552	0.80	.02	10
20	9.60	31.08	23.98	.552	1.00	.02	

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.28	30.61	23.51	438.9	.000
10	9.90	30.90	23.80	411.6	.043
20	9.60	31.08	23.98	393.9	.083

STATION 257

56-56 N 159-39 W 16 AUG 1939 2311 GCT
WEATHER BC BAR 29.70 WIND ENE 2 SEA NW 1
TEMPERATURE DRY 54 WET 52 DEPTH 50

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.73	31.60	24.52	.653	0.10	.00	2
5	8.43	31.60	24.57	.663	0.10	.00	2
10	8.40	31.62	24.59	.596	0.35	.00	2
15	8.14	31.62	24.63	.545	0.35	.00	2
20	8.01	31.62	24.64	.559	0.55	.00	2
30	8.05	31.65	24.66	.551	0.55	.00	2
40	8.02	31.64	24.66	.566	0.55	.00	2
45	8.03	31.65	24.67	.563	0.60	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.73	31.60	24.52	342.1	.000
10	8.40	31.62	24.59	336.0	.034
20	8.01	31.62	24.64	330.8	.067
30	8.05	31.65	24.66	329.2	.100

STATION 258

57-05 N 159-43 W 17 AUG 1939 0112 GCT
WEATHER BC BAR 29.67 WIND ESE 3 SEA SE 1
TEMPERATURE DRY 60 WET 56 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.93	31.67	24.39	.664	0.35	.00	1
5	9.78	31.67	24.41	.673	0.30	.00	1
10	9.39	31.65	24.46	.672	0.30	.00	2
15	8.89	31.71	24.59	.653	0.35	.00	2
20	6.75	31.74	24.91	.601	0.60	.02	4
30	6.20	31.74	24.98	.577	0.55	.04	5
40	6.14	31.73	24.98	.583	0.60	.04	5
50	6.08	31.71	24.97	.583	1.25	.05	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.93	31.67	24.39	354.8	.000
10	9.39	31.65	24.46	348.2	.035
20	6.75	31.74	24.91	305.5	.068
30	6.20	31.74	24.98	299.0	.098
50	6.08	31.71	24.97	300.0	.158

STATION 259

57-14 N 159-50 W 17 AUG 1939 0316 GCT
WEATHER BC BAR 29.67 WIND ESE 3 SEA SE 1
TEMPERATURE DRY 56 WET 53 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.78	31.64	24.39	.688	0.20	.00	2
5	9.76	31.67	24.42	.693	0.20	.00	1
10	9.34	31.67	24.48	.678	0.20	.00	1
15	7.75	31.73	24.77	.637	0.50	.00	4
20	5.77	31.74	25.03	.604	1.00	.04	6
30	5.34	31.76	25.10	.601	1.30	.04	9
40	5.29	31.76	25.10	.600	1.30	.05	9
50	5.26	31.76	25.11	.600	1.00	.04	9
55	5.26	31.76	25.11	.602	0.95	.03	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.78	31.64	24.39	354.7	.000
10	9.34	31.67	24.48	346.0	.035
20	5.77	31.74	25.03	293.9	.067
30	5.34	31.76	25.10	287.8	.096
50	5.26	31.76	25.11	287.1	.153

STATION 260

57-22 N 159-59 W 17 AUG 1939 0457 GCT
WEATHER C BAR 29.65 WIND ESE 5 SEA ESE 2
TEMPERATURE DRY 54 WET 52 DEPTH 59

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.47	31.67	24.46	.769	0.20	.00	2
5	9.45	31.67	24.47	.776	0.25	.00	2
10	8.28	31.69	24.66	.713	0.45	.00	2
15	5.51	31.74	25.06	.592	1.00	.04	5
20	5.37	31.74	25.08	.582	0.75	.06	5
30	5.30	31.74	25.08	.586	1.00	.06	6
40	5.28	31.74	25.09	.583	0.75	.07	6
50	5.22	31.74	25.09	.585	0.80	.07	7
55	5.18	31.74	25.10	.580	0.85	.07	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.47	31.67	24.46	347.8	.000
10	8.28	31.69	24.66	329.2	.034
20	5.37	31.74	25.08	289.5	.065
30	5.30	31.74	25.08	288.9	.094
50	5.22	31.74	25.09	288.2	.152

STATION 261

57-32 N 160-07 W 17 AUG 1939 0637 GCT
WEATHER C BAR 29.63 WIND ESE 5 SEA ESE 2
TEMPERATURE DRY 52 WET 50 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.18	31.62	24.62	.724	0.25	.00	2
5	7.88	31.60	24.65	.717	0.40	.00	2
10	6.52	31.67	24.88	.684	0.65	.00	3
15	5.61	31.74	25.05	.585	0.90	.04	5
20	5.54			.578	0.90	.06	3
30	5.52	31.74	25.06	.574	0.75	.03	6
40	5.50	31.74	25.06	.574	0.75	.03	6
50	5.50	31.74	25.06	.577	0.75	.03	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.18	31.62	24.62	332.8	.000
10	6.52	31.67	24.88	307.8	.032
20	5.54	31.74	25.06	291.5	.062
30	5.52	31.74	25.06	291.2	.092
50	5.50	31.74	25.06	291.2	.150

STATION 262

57-41 N 160-15 W 17 AUG 1939 0824 GCT
WEATHER C BAR 29.63 WIND ESE 5 SEA ESE 2
TEMPERATURE DRY 50 WET 49 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.08	31.56	24.59	.636	0.45	.00	3
5	7.99	31.56	24.60	.637	0.45	.00	3
10	6.78	31.56	24.76	.635	0.60	.00	4
15	5.84	31.64	24.94	.607	0.70	.00	5
20	5.61	31.65	24.98	.600	0.70	.00	6
30	5.39	31.67	25.02	.591	0.70	.00	6
40	5.35	31.67	25.02	.589	0.70	.00	6
50	5.35	31.67	25.02	.587	0.70	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.08	31.56	24.59	335.9	.000
10	6.78	31.56	24.76	319.2	.033
20	5.61	31.65	24.98	298.9	.064
30	5.39	31.67	25.02	295.1	.094
50	5.35	31.67	25.02	294.8	.153

STATION 263

57-49 N 160-22 W 17 AUG 1939 0958 GCT
WEATHER BC BAR 29.63 WIND ESE 5 SEA SE 5
TEMPERATURE DRY 50 WET 49 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.54	30.26	23.35	.594	0.50	.00	3
5	9.34	30.34	23.45	.599	0.50	.00	4
10	5.68	31.38	24.76	.625	0.55	.00	4
15	5.55	31.47	24.84	.616	0.65	.00	5
20	5.49	31.49	24.87	.618	0.65	.00	5
30	5.42	31.51	24.89	.613	0.70	.00	5
40	5.39	31.51	24.89	.614	0.70	.00	5
50	5.38	31.51	24.89	.611	0.70	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.54	30.26	23.35	453.6	.000
10	5.68	31.38	24.76	319.8	.039
20	5.49	31.49	24.87	309.6	.070
30	5.42	31.51	24.89	307.4	.101
50	5.38	31.51	24.89	307.2	.162

STATION 264

57-58 N 160-31 W 17 AUG 1939 1151 GCT
WEATHER BC BAR 29.60 WIND E 5 SEA SE 4
TEMPERATURE DRY 50 WET 49 DEPTH 50

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.19	29.13	22.37	.577	0.55	.00	1
5	10.21	29.13	22.37	.583	0.55	.00	1
10	9.33	29.81	23.04	.598	0.60	.00	2
15	5.51	31.49	24.86	.624	0.65	.00	4
20	5.44	31.49	24.87	.623	0.65	.00	4
30	5.43	31.49	24.87	.626	0.75	.00	4
40	5.42	31.51	24.89	.624	0.60	.00	5
45	5.40	31.51	24.89	.625	0.55	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.19	29.13	22.37	547.4	.000
10	9.33	29.81	23.04	484.1	.052
20	5.44	31.49	24.87	309.1	.092
30	5.43	31.49	24.87	309.0	.123

STATION 265

58-08 N 160-39 W 17 AUG 1939 1335 GCT
WEATHER C BAR 29.58 WIND E 5 SEA SE 4
TEMPERATURE DRY 52 WET 51 DEPTH 48

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.24	28.60	21.95	.575	0.45	.00	2
5	10.26	28.60	21.95	.573	0.45	.00	3
10	8.01	29.65	23.10	.600	0.50	.00	3
15	6.33	30.39	23.90	.589	0.60	.00	3
20	5.82	30.93	24.39	.601	0.85	.00	5
30	5.64	31.02	24.48	.602	0.85	.00	6
40	5.71	31.06	24.50	.604	0.55	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.24	28.60	21.95	587.5	.000
10	8.01	29.65	23.10	477.6	.053
20	5.82	30.93	24.39	355.3	.095
30	5.64	31.02	24.48	346.6	.130

STATION 266

58-26 N 160-55 W 19 AUG 1939 0928 GCT
WEATHER C BAR 29.55 WIND SSW 2 SEA SW 1
TEMPERATURE DRY 50 WET 49 DEPTH 14

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.50	27.74	20.90	.525	1.15	.00	8
5	12.22	27.74	20.95	.523	1.20	.00	10
10	12.20	27.75	20.96	.524	1.10	.00	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.50	27.74	20.90	688.2	.000
10	12.20	27.75	20.96	682.5	.069

STATION 267

58-17 N 160-46 W 19 AUG 1939 1055 GCT
WEATHER C BAR 29.58 WIND SSW 2 SEA SW 1
TEMPERATURE DRY 50 WET 49 DEPTH 30

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.29	29.07	22.47	.571	0.70	.00	4
5	9.30	29.09	22.48	.571	0.65	.00	4
10	9.32	29.09	22.48	.568	0.75	.00	5
15	9.35	29.11	22.49	.568	0.75	.00	4
20		29.11		.544	0.65	.00	3
25		29.11		.572	0.75	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.29	29.07	22.47	538.4	.000
10	9.32	29.09	22.48	537.5	.054

STATION 268

58-08 N 160-39 W 19 AUG 1939 1245 GCT
WEATHER C BAR 29.61 WIND SW 2 SEA SW 1
TEMPERATURE DRY 49 WET 48 DEPTH 47

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.02	29.20	22.61	.582	0.70	.00	3
5	9.03	29.25	22.65	.580	0.70	.00	3
10	7.36	30.39	23.77	.598	0.80	.00	5
15	6.48	30.64	24.08	.592	0.70	.00	5
20	6.22	30.81	24.24	.588	0.75	.00	6
30	6.08	30.82	24.27	.588	0.70	.00	8
40	5.85	31.00	24.44	.593	0.85	.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.02	29.20	22.61	524.9	.000
10	7.36	30.39	23.77	413.9	.047
20	6.22	30.81	24.24	368.8	.086
30	6.08	30.82	24.27	366.5	.123

STATION 269

58-22 N 160-30 W 19 AUG 1939 1512 GCT
WEATHER C BAR 29.66 WIND SW 2 SEA SW 1
TEMPERATURE DRY 49 WET 48 DEPTH 19

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.21	28.98	22.25	.558	0.75	.00	3
5	10.23			.553	0.75	.00	3
10	10.26	29.07	22.32	.554	0.80	.00	4
15	10.31	29.07	22.31	.554	0.70	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.21	28.98	22.25	558.8	.000
10	10.26	29.07	22.32	553.0	.056

STATION 270

58-17 N 160-22 W 19 AUG 1939 1657 GCT
WEATHER O P BAR 29.68 WIND SW 4 SEA SW 2
TEMPERATURE DRY 49 WET 49 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.90	29.09	22.54	.580	0.70	.00	3
5	8.93	29.11	22.55	.581	0.55	.00	4
10	7.82	29.67	23.15	.584	0.75	.00	5
15	7.64	29.88	23.33	.580	0.75	.00	5
20	7.17	30.28	23.71	.587	0.75	.00	6
30	6.32	30.79	24.22	.587	0.75	.00	8
35	6.28	30.81	24.24	.572	0.75	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.90	29.09	22.54	531.4	.000
10	7.82	29.67	23.15	473.6	.050
20	7.17	30.28	23.71	419.9	.095
30	6.32	30.79	24.22	371.5	.135

STATION 271

58-03 N 160-14 W 19 AUG 1939 1845 GCT
WEATHER O BAR 29.75 WIND SW 3 SEA SSW 2
TEMPERATURE DRY 48 WET 48 DEPTH 49

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.01	30.79	24.13	.593	0.60	.00	8
5	7.05	30.81	24.14	.594	0.75	.00	8
10	6.37	31.00	24.38	.600	0.70	.00	9
15	6.15	31.08	24.47	.604	0.75	.00	8
20	6.02	31.13	24.52	.604	0.70	.00	8
30	5.97	31.15	24.54	.605	0.80	.00	9
40	5.95	31.15	24.54	.608	0.75	.00	9
45	5.94	31.15	24.55	.607	0.60	.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.01	30.79	24.13	379.5	.000
10	6.37	31.00	24.38	356.2	.037
20	6.02	31.13	24.52	342.5	.072
30	5.97	31.15	24.54	340.5	.106

STATION 272

57-54 N 160-07 W 19 AUG 1939 2038 GCT
WEATHER C BAR 29.80 WIND SW 3 SEA SSW 2
TEMPERATURE DRY 49 WET 48 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.88	31.44	24.66	.603	0.55	.00	8
5	6.38	31.44	24.72	.600	0.55	.00	8
10	6.33	31.44	24.73	.603	0.55	.00	8
15	6.39	31.44	24.72	.602	0.55	.00	7
20	6.29	31.44	24.73	.601	0.60	.00	7
30	6.25	31.42	24.72	.601	0.65	.00	8
40	6.20	31.42	24.73	.602	0.55	.00	8
49	6.15	31.44	24.75	.600	0.65	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.88	31.44	24.66	329.3	.000
10	6.33	31.44	24.73	322.8	.033
20	6.29	31.44	24.73	322.4	.065
30	6.25	31.42	24.72	323.5	.097

STATION 273

57-45 N 159-58 W 19 AUG 1939 2215 GCT
WEATHER C BAR 29.81 WIND SW 3 SEA SSW 2
TEMPERATURE DRY 49 WET 48 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.83	31.51	24.72	.601	0.55	.00	9
5	6.70	31.51	24.74	.602	0.60	.00	9
10	6.65	31.51	24.74	.596	0.60	.00	9
15	6.71	31.51	24.73		0.55	.00	9
20	6.64	31.53	24.76	.596	0.55	.00	9
30	6.66	31.53	24.76	.595	0.55	.00	8
40	6.60	31.53	24.76	.596	0.55	.00	9
48	6.61	31.53	24.76	.593	0.65	.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.83	31.51	24.72	323.4	.000
10	6.65	31.51	24.74	321.3	.032
20	6.64	31.53	24.76	319.8	.064
30	6.66	31.53	24.76	320.2	.096

STATION 274

57-36 N 159-50 W 20 AUG 1939 0010 GCT
WEATHER C Z BAR 29.84 WIND SE 2 SEA SSW 2
TEMPERATURE DRY 49 WET 48 DEPTH 54

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.85	31.65	24.83	.603	0.60	.00	4
5	6.76	31.65	24.84	.607	0.55	.00	5
10	6.66	31.65	24.85		0.50	.00	4
15	6.68	31.65	24.85	.461	0.50	.00	4
20	6.64	31.65	24.85		0.55	.00	4
30	6.65	31.65	24.85	.578	0.55	.00	5
40	6.64	31.65	24.85	.594	0.60	.00	6
50	6.67	31.65	24.85		0.70	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	6.85	31.65	24.83	313.2	.000
10	6.66	31.65	24.85	311.0	.031
20	6.64	31.65	24.85	310.9	.062
30	6.65	31.65	24.85	311.1	.093
50	6.67	31.65	24.85	311.6	.155

STATION 275

57-27 N 159-43 W 20 AUG 1939 0200 GCT
WEATHER C Z BAR 29.83 WIND SE 2 SEA SW 1
TEMPERATURE DRY 49 WET 48 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.39	31.71	24.66	.677	0.35	.00	5
5	7.98	31.69	24.70	.696	0.30	.00	5
10	6.93	31.71	24.86	.612	0.55	.00	6
15	6.93	31.71	24.86	.598	0.55	.00	6
20	6.90	31.71	24.87	.599	0.65	.00	8
30	6.88			.595	0.95	.00	8
40	6.81	31.71	24.88	.596	0.70	.00	9
50	6.84	31.71	24.87		0.75	.00	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	8.39	31.71	24.66	329.1	.000
10	6.93	31.71	24.86	309.8	.032
20	6.90	31.71	24.87	309.6	.063
30	6.88	31.71	24.87	309.4	.094
50	6.84	31.71	24.87	309.2	.156

STATION 276

57-18 N 159-34 W 20 AUG 1939 0156 GCT
WEATHER O R BAR 29.79 WIND SE 2 SEA SW 1
TEMPERATURE DRY 49 WET 48 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.60	31.69	24.46	.672	0.20	.00	4
5	8.88	31.69	24.57	.577	0.25	.00	4
10	6.96	31.71	24.86	.580	0.75	.00	6
15	6.78	31.71	24.88		0.70	.00	6
20	6.64			.411	0.65	.00	6
30	6.61				0.70	.00	7
40	6.57			.563	0.75	.00	7
50	6.57	31.73	24.93	.562	0.95	.00	6
55	6.48	31.74	24.94	.538	0.75	.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	9.60	31.69	24.46	348.3	.000
10	6.96	31.71	24.86	310.2	.033
20	6.64	31.72	24.91	305.2	.064
30	6.61	31.72	24.92	304.3	.094
50	6.57	31.73	24.93	303.3	.124

STATION 277

57-09 N 159-27 W 20 AUG 1939 0535 GCT
WEATHER O P BAR 29.74 WIND SE 4 SEA SE 3
TEMPERATURE DRY 49 WET 49 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.91	31.56	24.46		0.20	.00	3
5	8.88			.671	0.20	.00	3
10	7.63	31.64	24.71	.540	0.40	.00	4
15	7.55	31.64	24.72	.575	0.50	.02	4
20	7.43	31.64	24.74	.567	0.50	.03	5
30	7.28	31.65	24.77	.564	0.55	.04	5
40	7.31	31.69	24.80	.564	0.45	.05	5
50	7.31	31.67	24.78	.564	0.55	.04	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	8.91	31.56	24.46	347.6	.000
10	7.63	31.64	24.71	324.1	.034
20	7.43	31.64	24.74	321.6	.066
30	7.28	31.65	24.77	319.0	.098
50	7.31	31.67	24.78	318.2	.162

STATION 278

57-00 N 159-19 W 20 AUG 1939 0720 GCT
WEATHER O R BAR 29.72 WIND SE 5 SEA SE 4
TEMPERATURE DRY 48 WET 48 DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.22	31.31	24.22	.561	0.45	.02	8
5	9.21	31.31	24.22	.560	0.50	.02	9
10	9.20	31.33	24.24	.558	0.40	.02	9
15	9.18	31.33	24.24	.557	0.45	.02	9
20	8.79	31.44	24.39	.558	0.45	.03	9
30	8.55	31.51	24.48	.555	0.50	.03	10
35	8.49	31.53	24.50	.554	0.45	.03	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	9.22	31.31	24.22	370.8	.000
10	9.20	31.33	24.24	369.1	.037
20	8.79	31.44	24.39	355.1	.073
30	8.55	31.51	24.48	346.6	.108

STATION 279

56-51 N 159-10 W 20 AUG 1939 0845 GCT
WEATHER O R BAR 29.61 WIND SE 6 SEA SE 6
TEMPERATURE DRY 48 WET 48 DEPTH 27

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.06	30.91	23.78	.549	0.50	.00	10
5	10.04	30.93	23.80	.549	0.50	.02	11
10	10.03	30.93	23.80	.547	0.60	.02	12
15	10.07	30.93	23.79	.548	0.60	.03	12
20		30.93		.549	0.55	.03	11
25		30.93		.549	0.55	.02	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.06	30.91	23.78	413.2	.000
10	10.03	30.93	23.80	411.4	.041

STATION 280

56-59 N 158-38 W 20 AUG 1939 1804 GCT
WEATHER C BAR 29.51 WIND S 4 SEA SE 2
TEMPERATURE DRY 53 WET 51 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.87	30.39	23.24	.549	1.00	.00	14
5	10.84	30.44	23.28	.550	1.20	.00	15
10	10.82	30.44	23.29	.547	1.00	.00	15
15	10.82	30.50	23.33	.549	0.95	.00	15

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.87	30.39	23.24	464.7	.000
10	10.82	30.44	23.29	460.3	.046

STATION 281

57-08 N 158-45 W 20 AUG 1939 1941 GCT
WEATHER C BAR 29.60 WIND WSW 4 SEA S 2
TEMPERATURE DRY 57 WET 50 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.20	31.24	24.17	.570	0.60	.00	8
5	9.21	31.26	24.18	.575	0.55	.00	10
10	9.19	31.26	24.19	.572	0.55	.00	10
15	9.24	31.26	24.18	.570	0.45	.02	11
20	9.18	31.26	24.19	.566	0.50	.02	11
30		31.24		.569	0.50	.02	12
35					0.65	.02	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.20	31.24	24.17	375.7	.000
10	9.19	31.26	24.19	374.2	.037
20	9.18	31.26	24.19	374.0	.074

STATION 282

57-17 N 158-58 W 20 AUG 1939 2110 GCT
WEATHER C BAR 29.63 WIND WSW 3 SEA SW 2
TEMPERATURE DRY 48 WET 48 DEPTH 49

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.50	31.44	24.43	.581	0.45	.02	9
5	8.48	31.42	24.42	.580	0.50	.02	9
10	8.49	31.46	24.45	.579	0.50	.02	11
15	8.51	31.46	24.45	.575	0.35	.02	11
20	8.45	31.46	24.46	.579	0.35	.00	11
30	8.47	31.46	24.45	.579	0.35	.00	10
40	8.44	31.42	24.43	.578	0.40	.00	11
45		31.44		.578	0.40	.00	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.50	31.44	24.43	350.7	.000
10	8.49	31.46	24.45	349.2	.035
20	8.45	31.46	24.46	348.8	.070
30	8.47	31.46	24.45	349.1	.105

STATION 283

57-26 N 159-00 W 20 AUG 1939 2245 GCT
WEATHER C BAR 29.64 WIND WSW 2 SEA WSW 2
TEMPERATURE DRY 50 WET 49 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.11	31.51	24.54	.609	0.50	.00	6
5	8.06	31.51	24.55	.607	0.35	.00	7
10	8.02	31.47	24.53	.605	0.50	.00	5
15	8.03			.602	0.55	.00	3
20	7.99	31.51	24.56	.602	0.55	.00	3
30	8.00	31.51	24.56	.600	0.50	.00	5
40	7.96	31.49	24.55	.600	0.50	.00	4
45	7.97	31.49	24.55	.599	0.50	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.11	31.51	24.54	340.1	.000
10	8.02	31.47	24.53	342.0	.034
20	7.99	31.51	24.56	338.7	.068
30	8.00	31.51	24.56	339.0	.102

STATION 284

57-35 N 159-09 W 21 AUG 1939 0024 GCT
WEATHER O C BAR 29.67 WIND WSW 3 SEA WSW 1
TEMPERATURE DRY 50 WET 49 DEPTH 50

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.70	31.49	24.59	.613	0.55	.00	8
5	7.68	31.47	24.57	.614	0.60	.00	8
10	7.64			.608	0.55	.00	8
15	7.66			.604	0.60	.00	8
20	7.60	31.47	24.58	.605	0.65	.00	8
30	7.59			.603	0.60	.00	9
40	7.58	31.47	24.59	.598	0.60	.00	8
45	7.55	31.46	24.58	.597	0.55	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.70	31.49	24.59	336.0	.000
10	7.64	31.47	24.58	336.7	.038
20	7.60	31.47	24.58	336.5	.067
30	7.59	31.48	24.59	335.7	.101

STATION 285

57-44 N 159-17 W 21 AUG 1939 0206 GCT
WEATHER C BAR . WIND WSW 3 SEA WSW 1
TEMPERATURE DRY 47 WET 46 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.62	31.40	24.53	.583	0.65	.00	7
5	7.62	31.40	24.53	.583	0.70	.00	8
10	7.63	31.40	24.53	.560	0.60	.00	8
15	7.65	31.40	24.52	.579	0.75	.00	9
20	7.64	31.40	24.52	.581	0.70	.00	9
30	7.64	31.40	24.52	.576	0.75	.00	10
40	7.62	31.40	24.53	.580	0.75	.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.62	31.40	24.53	341.7	.000
10	7.63	31.40	24.53	342.0	.034
20	7.64	31.40	24.52	342.2	.068
30	7.64	31.40	24.52	342.4	.102

STATION 286

57-53 N 159-25 W 21 AUG 1939 0338 GCT
WEATHER C BAR 29.72 WIND WSW 4 SEA WSW 2
TEMPERATURE DRY 47 WET 46 DEPTH 44

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.70	31.11	24.29	.570	0.65	.00	5
5	7.74	31.09	24.27	.563	0.65	.00	5
10	7.74	31.09	24.27	.570	0.55	.00	5
15	7.77	31.09	24.26	.563	0.65	.00	5
20	7.75	31.09	24.27	.569	0.55	.00	6
30	7.76	31.09	24.27	.563	0.65	.00	6
40	7.74	31.08	24.26	.565	0.65	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.70	31.11	24.29	364.4	.000
10	7.74	31.09	24.27	366.5	.037
20	7.75	31.09	24.27	366.8	.074
30	7.76	31.09	24.27	367.1	.111

STATION 287

58-02 N 159-39 W 21 AUG 1939 0504 GCT
WEATHER C BAR 29.74 WIND WSW 4 SEA WSW 2
TEMPERATURE DRY 47 WET 46 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.40	30.57	23.91	.571	0.45	.00	9
5	7.40	30.57	23.91	.574	0.45	.00	9
10	7.39	30.57	23.91	.574	0.45	.00	9
15	7.45	30.57	23.90	.576	0.50	.00	10
20	7.39	30.57	23.91	.576	0.50	.00	10
30	7.43	30.57	23.90	.573	0.55	.00	10
40	7.41	30.57	23.91	.573	0.50	.02	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.40	30.57	23.91	400.9	.000
10	7.39	30.57	23.91	400.8	.040
20	7.39	30.57	23.91	401.0	.080
30	7.43	30.57	23.90	401.6	.120

STATION 288

58-11 N 159-49 W 21 AUG 1939 0621 GCT
WEATHER C BAR 29.76 WIND WSW 4 SEA WSW 2
TEMPERATURE DRY 47 WET 46 DEPTH 37

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.45	29.65	23.04	.582	0.45	.00	6
5	8.43	29.67	23.06	.588	0.55	.00	7
10	7.42	30.19	23.61	.584	0.55	.02	9
15	6.96	30.35	23.79	.579	0.55	.02	10
20	6.91	30.35	23.80	.576	0.55	.02	11
30	6.88	30.37	23.82	.577	0.55	.02	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.45	29.65	23.04	483.4	.000
10	7.42	30.19	23.61	429.6	.046
20	6.91	30.35	23.80	411.4	.088
30	6.88	30.37	23.82	409.7	.129

STATION 289

58-21 N 159-55 W 21 AUG 1939 0800 GCT
WEATHER C BAR 29.82 WIND W 5 SEA W 2
TEMPERATURE DRY 49 WET 48 DEPTH 36

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.97	30.81	23.87	.582	0.55	.00	8
5	8.94	30.81	23.88	.581	0.45	.00	9
10	8.39	31.08	24.17	.582	0.40	.00	9
15	8.12	31.22	24.32	.569	0.50	.00	9
20	7.92	31.26	24.38	.567	0.50	.02	10
30	7.49	31.42	24.56	.547	0.65	.02	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.97	30.81	23.87	404.3	.000
10	8.39	31.08	24.17	376.1	.039
20	7.92	31.26	24.38	356.4	.076
30	7.49	31.42	24.56	338.9	.111

STATION 290

58-29 N 159-57 W 21 AUG 1939 0940 GCT
WEATHER C BAR 29.86 WIND W 5 SEA W 4
TEMPERATURE DRY 49 WET 47 DEPTH 25

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.21	28.01	21.50	.564	0.40	.00	4
5	10.20	28.03	21.52	.565	0.40	.00	5
10	9.50	28.35	21.87	.549	0.45	.00	6
15	8.71	28.84	22.37	.492	0.85	.03	12
20	8.67	28.84	22.38	.492	0.75	.04	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.21	28.01	21.50	630.9	.000
10	9.50	28.35	21.87	595.2	.061
20	8.67	28.84	22.38	547.1	.118

STATION 291

58-34 N 159-41 W 21 AUG 1939 1125 GCT
WEATHER C BAR 29.87 WIND W 5 SEA W 4
TEMPERATURE DRY 50 WET 47 DEPTH 21

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.04	28.01	21.53	.558	0.50	.00	5
5	10.03	28.01	21.53	.556	0.55	.00	6
10	10.06	28.01	21.52	.554	0.55	.00	6
15	10.09	28.01	21.52	.514	0.60	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.04	28.01	21.53	628.3	.000
10	10.06	28.01	21.52	628.8	.063

STATION 292

58-24 N 159-34 W 21 AUG 1939 1255 GCT
WEATHER C BAR 29.87 WIND W 5 SEA W 4
TEMPERATURE DRY 51 WET 48 DEPTH 21

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.18	27.85	21.38	.564	0.60	.00	5
5	10.14	27.83	21.37	.565	0.60	.00	4
10	10.18	27.83	21.37	.574	0.60	.00	4
15	10.21	27.83	21.36	.563	0.65	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.18	27.85	21.38	642.3	.000
10	10.18	27.83	21.37	644.0	.064

STATION 293

58-15 N 159-25 W 21 AUG 1939 1433 GCT
WEATHER O A BAR 29.89 WIND W 5 SEA W 4
TEMPERATURE DRY 49 WET 48 DEPTH 23

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.80	28.08	21.62	.569	0.50	.00	3
5	9.80	28.08	21.62	.572	0.50	.00	3
10	9.78	28.08	21.62	.572	0.50	.00	3
15	9.81	28.08	21.62	.568	0.60	.00	3
20	9.75	28.15	21.68	.572	0.55	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.80	28.08	21.62	619.6	.000
10	9.78	28.08	21.62	619.4	.062
20	9.75	28.15	21.68	613.9	.124

STATION 294

58-07 N 159-17 W 21 AUG 1939 1607 GCT
WEATHER O M BAR 29.92 WIND W 5 SEA SW 4
TEMPERATURE DRY 48 WET 48 DEPTH 27

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.62	29.85	23.17	.576	0.55	.00	4
5	8.61	29.87	23.19	.572	0.50	.00	5
10	8.61	29.92	23.23	.573	0.65	.00	6
15	8.62	29.92	23.23	.570	0.45	.00	6
20	8.57	29.99	23.29	.570	0.45	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.62	29.85	23.17	470.8	.000
10	8.61	29.92	23.23	465.6	.047
20	8.57	29.99	23.29	460.0	.093

STATION 295

57-57 N 159-09 W 21 AUG 1939 1750 GCT
WEATHER O M BAR 29.96 WIND SW 6 SEA SW 5
TEMPERATURE DRY 48 WET 48 DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.02	30.52	23.64	.559	0.40	.00	5
5	9.01	30.52	23.64	.558	0.40	.00	5
10	9.01	30.52	23.64	.558	0.40	.00	5
15	9.02	30.52	23.64	.554	0.45	.00	5
20	8.94	30.70	23.79	.554	0.45	.00	6
30	8.93	30.72	23.81	.553	0.45	.00	6
37	8.91	30.77	23.85	.551	0.40	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.02	30.52	23.64	426.6	.000
10	9.01	30.52	23.64	426.6	.043
20	8.94	30.70	23.79	412.3	.085
30	8.93	30.72	23.81	410.8	.126

STATION 296

57-48 N 159-00 W 21 AUG 1939 1926 GCT
WEATHER O M BAR 29.99 WIND SW 6 SEA SW 5
TEMPERATURE DRY 48 WET 48 DEPTH 47

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.84	31.15	24.16	.551	0.45	.00	4
5	8.85	31.15	24.15	.547	0.45	.00	8
10	8.86	31.17	24.17	.552	0.45	.00	9
15	8.88	31.17	24.17	.550	0.40	.00	10
20	8.84	31.17	24.17	.549	0.45	.00	10
30	8.81	31.17	24.18	.550	0.40	.00	10
40	8.79	31.18	24.19	.550	0.40	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.84	31.15	24.16	377.1	.000
10	8.86	31.17	24.17	376.1	.038
20	8.84	31.17	24.17	375.9	.076
30	8.81	31.17	24.18	375.7	.114

STATION 297

57-39 N 158-53 W 21 AUG 1939 2104 GCT
WEATHER O M BAR 30.05 WIND WSW 6 SEA SW 6
TEMPERATURE DRY 50 WET 49 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.96	31.18	24.16	.556	0.45	.00	8
5	8.97	31.18	24.16	.557	0.45	.00	8
10	8.90	31.20	24.19	.553	0.35	.00	9
15	8.94	31.20	24.18	.552	0.50	.00	10
20	8.91	31.20	24.18	.555	0.40	.00	9
30	8.90	31.20	24.19	.552	0.45	.00	10
39	8.88	31.20	24.19	.556	0.40	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.96	31.18	24.16	376.6	.000
10	8.90	31.20	24.19	374.4	.038
20	8.91	31.20	24.18	374.7	.075
30	8.90	31.20	24.19	374.7	.112

STATION 298

57-30 N 158-45 W 21 AUG 1939 2235 GCT
WEATHER O M BAR 30.09 WIND WSW 6 SEA SW 6
TEMPERATURE DRY 50 WET 49 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.26	31.13	24.08	.575	0.20	.00	7
5	9.24	31.13	24.08	.573	0.20	.00	8
10	9.25	31.17	24.11	.573	0.45	.00	9
15	9.22	31.17	24.11	.570	0.45	.02	9
20	9.19	31.17	24.12	.570	0.40	.02	9
30	9.17	31.20	24.14	.566	0.50	.02	9
40	9.15	31.20	24.15	.568	0.45	.02	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	9.26	31.13	24.08	384.7	.000
10	9.25	31.17	24.11	381.8	.038
20	9.19	31.17	24.12	381.0	.076
30	9.17	31.20	24.14	378.7	.114

STATION 299

57-22 N 158-38 W 22 AUG 1939 0018 GCT
WEATHER O P BAR 30.11 WIND WSW 6 SEA SW 5
TEMPERATURE DRY 50 WET 49 DEPTH 33

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.80	31.04	23.92	.563	0.50	.00	6
5	9.78	31.04	23.92	.560	0.50	.00	6
10	9.75	31.04	23.93	.575	0.45	.00	7
15	9.74	31.08	23.96	.568	0.55	.00	8
20	9.71	31.08	23.97	.553	0.50	.00	8
28	9.67	31.09	23.98	.566	0.45	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	9.80	31.04	23.92	399.6	.000
10	9.75	31.04	23.93	398.9	.040
20	9.71	31.08	23.97	395.5	.080

STATION 300

57-13 N 158-30 W 22 AUG 1939 0114 GCT
WEATHER O BAR 30.11 WIND WSW 6 SEA SW 5
TEMPERATURE DRY 50 WET 50 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.72	30.41	23.28	.538	0.85	.00	13
5	10.72	30.46	23.32	.536	0.60	.00	13
10	10.73	30.46	23.32	.534	0.80	.00	15
15	10.75	30.46	23.31	.532	0.80	.00	14

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.72	30.41	23.28	460.7	.000
10	10.73	30.46	23.32	457.4	.046

STATION 301

57-30 N 158-05 W 22 AUG 1939 0303 GCT
WEATHER O P BAR 30.11 WIND W 6 SEA W 5
TEMPERATURE DRY 49 WET 48 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.45	30.61	23.48	.568	0.70	.00	22
5	10.49	30.61	23.47	.569	0.55	.00	8
10	10.47	30.64	23.50	.570	0.65	.00	27
15	10.51	30.64	23.49	.563	0.60	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.45	30.61	23.48	441.6	.000
10	10.47	30.64	23.50	439.9	.044

STATION 302

57-39 N 158-12 W 22 AUG 1939 0433 GCT
WEATHER O BAR 30.12 WIND W 5 SEA W 5
TEMPERATURE DRY 49 WET 48 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.71	31.06	23.95	.573	0.45	.00	4
5	9.70	31.06	23.95	.578	0.45	.00	4
10	9.67	31.06	23.96	.575	0.40	.00	6
15	9.71	31.06	23.95	.572	0.50	.00	6
20	9.70	31.02	23.92	.565	0.40	.00	7
30	9.68	31.04	23.94	.570	0.50	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.71	31.06	23.95	396.7	.000
10	9.67	31.06	23.96	396.2	.040
20	9.70	31.02	23.92	399.8	.080
30	9.68	31.04	23.94	398.2	.120

STATION 303

57-48 N 158-19 W 22 AUG 1939 0625 GCT
WEATHER C BAR 30.11 WIND W 5 SEA W 5
TEMPERATURE DRY 49 WET 48 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.61	31.08	23.98	.446	0.55	.00	4
5	9.49	31.06	23.99	.556	0.45	.00	4
10	9.48	31.08	24.00	.544	0.55	.00	5
15	9.52	31.08	24.00	.547	0.55	.00	6
20	9.51	31.08	24.00	.547	0.50	.00	8
30	9.48	31.08	24.00	.547	0.50	.00	8
35		31.08		.548	0.55	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.61	31.08	23.98	393.7	.000
10	9.48	31.08	24.00	391.9	.039
20	9.51	31.08	24.00	392.0	.078
30	9.48	31.08	24.00	391.9	.117

STATION 304

57-56 N 158-28 W 22 AUG 1939 0802 GCT
WEATHER C BAR 30.12 WIND W 5 SEA W 4
TEMPERATURE DRY 48 WET 47 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.94	30.86	23.76	.546	0.50	.00	3
5	9.94	30.86	23.76	.546	0.60	.00	3
10	9.95	30.86	23.76	.548	0.65	.00	3
15	10.01	30.86	23.75	.545	0.55	.00	3
20		30.86		.552	0.65	.00	3
30	9.97	30.86	23.75	.552	0.55	.00	3
36	9.93	30.86	23.76	.547	0.55	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.94	30.86	23.76	415.1	.000
10	9.95	30.86	23.76	415.4	.042
20	10.01	30.86	23.75	416.5	.084
30	9.97	30.86	23.75	416.0	.126

STATION 305

58-05 N 158-35 W 22 AUG 1939 0945 GCT
WEATHER C BAR 30.13 WIND W 5 SEA W 4
TEMPERATURE DRY 47 WET 46 DEPTH 36

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.65	27.36	20.93	.577	0.45	.00	6
5	10.65	27.86	21.31	.570	0.45	.00	16
10	10.19	29.76	22.86	.538	0.50	.00	27
15	10.21	29.76	22.86	.532	0.50	.00	26
20	10.19	29.92	22.99	.552	0.60	.00	22
30	10.18	29.92	22.99	.550	0.55	.00	18

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.65	27.36	20.93	686.0	.000
10	10.19	29.76	22.86	500.7	.059
20	10.19	29.92	22.99	489.0	.108
30	10.18	29.92	22.99	489.0	.157

STATION 306

58-13 N 158-42 W 22 AUG 1939 1145 GCT
WEATHER C BAR 30.12 WIND W 4 SEA W 4
TEMPERATURE DRY 49 WET 48 DEPTH 29

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.84	26.55	20.27	.571	0.45	.00	1
5	10.84	26.55	20.27	.569	0.55	.00	2
10	10.70	27.18	20.78	.571	0.55	.00	2
15	10.70	27.38	20.93	.568	0.55	.00	2
20	10.63	27.50	21.04	.565	0.45	.00	2
29	10.59	27.65	21.16	.570	0.50	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\,\delta$	ΔD
0	10.84	26.55	20.27	749.1	.000
10	10.70	27.18	20.78	700.2	.072
20	10.63	27.50	21.04	675.5	.141

STATION 307

57-44 N 157-48 W 22 AUG 1939 1755 GCT
WEATHER BC BAR 30.13 WIND W 4 SEA SW 4
TEMPERATURE DRY 51 WET 49 DEPTH 12

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.20	28.19	21.48	.513	1.80	.40	3
5	11.11	28.30	21.58	.502	1.80	.40	3
8	11.15	28.30	21.57	.494	1.80	.35	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\,\delta$	ΔD
0	11.20	28.19	21.48	633.1	.000

STATION 308

57-54 N 157-47 W 22 AUG 1939 1931 GCT
WEATHER BC BAR 30.14 WIND W 4 SEA SW 4
TEMPERATURE DRY 50 WET 49 DEPTH 15

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.25	29.22	22.27	.553	0.80	.00	3
5	11.26	29.22	22.27	.549	0.80	.00	3
10	11.20			.552	0.75	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.25	29.22	22.27	557.5	.000
10	11.20	29.22	22.28	556.3	.056

STATION 309

58-04 N 157-45 W 22 AUG 1939 2103 GCT
WEATHER BC BAR 30.14 WIND W 4 SEA SW 4
TEMPERATURE DRY 50 WET 49 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.69	28.60	21.71	.533	1.00	.00	5
5	11.71	28.60	21.71	.514	1.00	.00	5
10	11.63	28.60	21.72	.532	1.20	.00	6
15	11.63	28.60	21.72	.528	1.20	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.69	28.60	21.71	610.8	.000
10	11.63	28.60	21.72	609.9	.061

STATION 310

58-14 N 157-44 W 22 AUG 1939 2247 GCT
WEATHER BC BAR 30.11 WIND W 3 SEA SW 3
TEMPERATURE DRY 51 WET 50 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.87	28.39	21.52	.520	1.30	.03	10
5	11.90	28.39	21.51	.529	1.50	.03	10
10	11.78	28.49	21.61	.493	1.30	.04	11
15	11.74	28.59	21.69	.451	1.40	.05	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.87	28.39	21.52	629.3	.000
10	11.78	28.49	21.61	620.6	.062

STATION 311

58-22 N 157-43 W 23 AUG 1939 0019 GCT
WEATHER C BAR 30.10 WIND W 4 SEA SW 4
TEMPERATURE DRY 52 WET 50 DEPTH 23

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.14	23.46	17.67	.577	1.20	.00	10
5	12.17	23.48	17.68	.584	0.95	.00	11
10	12.09	23.62	17.80	.572	0.90	.03	11
15	12.06	23.77	17.92	.578	0.95	.04	14
20	12.11	23.89	18.00	.569	1.05	.04	13

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.14	23.46	17.67	999.7	.000
10	12.09	23.62	17.80	987.1	.099
20	12.11	23.89	18.00	967.4	.197

STATION 312

58-20 N 158-03 W 23 AUG 1939 0202 GCT
WEATHER C BAR 30.07 WIND W 5 SEA W 4
TEMPERATURE DRY 51 WET 49 DEPTH 22

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.24	21.40	16.06	.572	1.10	.02	12
5	12.24	21.44	16.09	.580	1.25	.02	13
10	11.99	22.65	17.07	.537	0.90	.00	12
15	11.95	22.88	17.25	.561	0.90	.00	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.24	21.40	16.06	154.8	.000
10	11.99	22.65	17.07	057.7	.111

STATION 313

58-23 N 158-18 W 23 AUG 1939 0330 GCT
WEATHER C BAR 30.49 WIND W 5 SEA W 4
TEMPERATURE DRY 50 WET 49 DEPTH 20

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.84	22.90	17.29	.576	0.95	.05	12
5	11.89	22.90	17.28	.570	1.10	.05	13
10	11.77	23.19	17.52	.577	1.10	.03	13
15	11.75	23.26	17.58	.568	1.10	.03	13

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.84	22.90	17.29	036.6	.000
10	11.77	23.19	17.52	013.9	.103

STATION 314

58-28 N 158-35 W 23 AUG 1939 0510 GCT
WEATHER BC BAR 30.03 WIND W 5 SEA W 4
TEMPERATURE DRY 52 WET 50 DEPTH 23

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.15	27.05	20.60	.577	0.60	.00	2
5	11.20	27.05	20.60	.578	0.65	.00	3
10	11.13	27.07	20.62	.574	0.55	.00	3
15	11.15	27.07	20.62	.575	0.65	.00	3
20	11.18	27.07	20.61	.574	0.70	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.15	27.05	20.60	716.9	.000
10	11.13	27.07	20.62	715.2	.072
20	11.18	27.07	20.61	716.1	.144

STATION 315

58-19 N 158-27 W 23 AUG 1939 0640 GCT
WEATHER C BAR 30.04 WIND W 5 SEA W 4
TEMPERATURE DRY 51 WET 50 DEPTH 24

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.80	27.01	20.63	.583	0.70	.00	3
5	10.81	27.05	20.66	.582	0.55	.00	3
10	10.72	27.05	20.67	.581	0.70	.00	3
15	10.75	27.05	20.67	.583	0.70	.00	3
20	10.75	27.16	20.76	.599	0.50	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.80	27.01	20.63	714.3	.000
10	10.72	27.05	20.67	710.2	.071
20	10.75	27.16	20.76	702.6	.142

STATION 316

58-10 N 158-18 W 23 AUG 1939 0815 GCT
WEATHER C BAR 30.05 WIND W 6 SEA W 5
TEMPERATURE DRY 50 WET 49 DEPTH

NO DATA

STATION 317

54-03 N 166-41 W 28 AUG 1939 2045 GCT
WEATHER O BAR 29.87 WIND E 4 SEA WNW 1
TEMPERATURE DRY 50 WET 50 DEPTH 777

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.19	32.86	25.73	.630	1.35	.22	25
5	7.26	32.88	25.74	.633	1.30	.27	25
10	7.45	32.97	25.78	.602	1.40	.28	24
15	7.26	32.97	25.81	.596	1.40	.17	25
20	7.13	32.97	25.83	.572	1.50	.18	24
30		32.97		.559			
40	6.32	32.94	25.91	.536	1.55	.19	30
50	6.16	32.97	25.95	.514	1.55	.19	38
50	5.79	32.94	25.97	.492	1.60	.16	33
60	5.85	32.94	25.97	.489	1.55	.19	31
70	5.62	32.97	26.02	.468	1.60	.17	34
80	5.52	33.01	26.06	.457	1.70	.21	33
90	5.49	33.03	26.08	.452	1.75	.23	35
100	5.38	33.06	26.12	.436	1.75	.16	33
115	5.31	33.08	26.14	.422	1.80	.16	35

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.19	32.86	25.73	227.1	.000
10	7.45	32.97	25.78	222.5	.022
20	7.13	32.97	25.83	218.4	.044
30	6.72	32.97	25.88	213.0	.065
50	6.16	32.97	25.95	206.7	.108
75	5.56	32.99	26.04	198.4	.159
100	5.38	33.06	26.12	191.4	.208

STATION 318

54-19 N 167-03 W 29 AUG 1939 0050 GCT
WEATHER O D BAR 29.84 WIND SSE 3 SEA WNW 1
TEMPERATURE DRY 51 WET 50 DEPTH 686

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.29	32.63	25.39	.618	0.45	.06	6
5	8.29	32.63	25.39	.616	0.45	.07	6
10	8.07	32.63	25.43	.464	0.50	.16	7
15	7.88	32.65	25.47	.606	0.75	.24	6
20	6.82	32.83	25.76	.549	1.20	.23	14
30	5.90	33.08	26.07	.476	1.22	.24	26
40	5.49	33.06	26.11	.465	1.40	.24	31
50	5.49	33.08	26.12	.466	2.05	.29	29
60	5.06	33.19	26.26	.444	2.10	.39	30
70	4.98	33.21	26.28	.452	2.10	.36	33
80	4.85	33.30	26.37	.425	2.05	.34	37
90		33.30		.424	2.10	.36	37
100	4.52	33.30	26.40	.432	2.15	.18	39
115	4.39	33.30	26.42	.415	2.15	.36	39

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.29	32.63	25.39	259.2	.000
10	8.07	32.63	25.43	256.2	.026
20	6.82	32.83	25.76	224.9	.050
30	5.90	33.08	26.07	195.1	.071
50	5.49	33.08	26.12	190.6	.110
75	4.92	33.27	26.34	170.4	.155
100	4.52	33.30	26.40	164.1	.197

STATION 319

54-35 N 167-25 W 29 AUG 1939 0406 GCT
WEATHER O D F BAR 29.81 WIND S 4 SEA SW 2
TEMPERATURE DRY 50 WET 49 DEPTH 765

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.98				0.95	.06	13
5	7.97	32.66	25.46	.638	0.95	.07	11
10	6.88	32.65	25.61	.614	2.10	.07	26
15	6.52	32.66	25.66	.593	1.75	.08	26
20	6.52	32.66	25.66	.586	1.70	.34	31
30	6.43	32.72	25.72	.568	1.70	.33	33
40	6.47	32.79	25.77	.570	1.45	.36	34
50	6.45	32.84	25.81	.569	1.60	.27	31
60	6.32	32.88	25.86	.547	1.60	.26	32
70	6.37	32.90	25.87	.539	1.65	.24	33
85	5.95	33.04	26.03	.497	1.70	.25	35
100	5.68	33.15	26.15	.473	1.75	.33	35
115	5.36	33.19	26.22	.451	2.10	.35	37

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	7.98	32.66	25.46	253.0	.000
10	6.88	32.65	25.61	239.0	.016
20	6.52	32.66	25.66	233.9	.040
30	6.43	32.72	25.72	228.4	.063
50	6.45	32.84	25.81	219.9	.108
75	6.21	32.95	25.93	209.1	.162
100	5.68	33.15	26.15	188.1	.212

STATION 320

54-52 N 167-46 W 29 AUG 1939 0730 GCT
WEATHER O F BAR 29.78 WIND SSW 3 SEA SW 2
TEMPERATURE DRY 48 WET 48 DEPTH 1323

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.78	32.84	25.48	.620	0.60		5
5	8.98	32.84	25.45	.595	0.70		4
10	8.70	32.84	25.50	.618	0.60		5
15	7.83	32.88	25.66	.630	0.80		13
20	7.73	32.97	25.74	.637	0.90		18
30	6.97	33.03	25.89	.584	1.30		34
40	5.88	33.06	26.06	.502	3.60		35
50	5.30	33.13	26.18	.472	4.00		38
60	5.10	33.15	26.22	.461	3.50		37
70	4.76	33.22	26.31	.438	4.10		39
85	4.59	33.26	26.36	.429	4.20		39
100	4.41	33.30	26.42	.426	4.50		41
115	4.17	33.33	26.46	.429	4.60		42

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	8.78	32.84	25.48	250.6	.000
10	8.70	32.84	25.50	249.6	.025
20	7.73	32.97	25.74	226.4	.049
30	6.97	33.03	25.89	212.0	.071
50	5.30	33.13	26.18	184.8	.111
75	4.70	33.23	26.33	171.0	.155
100	4.41	33.30	26.42	163.0	.197

STATION 321

55-08 N 168-08 W 29 AUG 1939 1026 GCT
WEATHER O F PAR 29.77 WIND SW 4 SEA SW 2
TEMPERATURE DRY 50 WET 50 DEPTH 1189

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.34	32.84	25.40	.586	0.80	.45	5
5	9.45	32.84	25.38	.595	0.75	.46	5
10	9.32	32.84	25.40	.598	0.80	.52	6
15	9.12	32.90	25.48	.607	0.75	.55	8
20	8.68	32.90	25.55	.615	1.40	.53	10
30	7.34	32.92	25.76	.566	1.70	.55	18
40	6.27	33.12	26.06	.519	3.20	.55	32
50	5.34	33.21	26.24	.519	3.20	.60	38
60	4.89	33.26	26.33	.488	3.90	.60	40
70	4.70	33.28	26.37	.400	5.30	.60	45
85	4.27	33.28	26.41	.376	5.40	.60	45
100	4.27	33.28	26.41	.394	6.20	.60	47
115	3.94	33.33	26.49	.467	8.00	.60	48

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	9.34	32.84	25.40	259.0	.000
10	9.32	32.84	25.40	258.8	.026
20	8.68	32.90	25.55	245.0	.051
30	7.34	32.92	25.76	225.0	.075
50	5.34	33.21	26.24	179.2	.115
75	4.51	33.28	26.39	165.3	.158
100	4.27	33.28	26.41	163.1	.199

STATION 322

55-24 N 168-28 W 29 AUG 1939 1256 GCT
WEATHER O D BAR 29.74 WIND SW 3 SEA SW 1
TEMPERATURE DRY 50 WET 50 DEPTH 786

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.86	32.83	25.46	.594	0.60	.19	5
5	8.87	32.84	25.47	.604	0.55	.19	5
10	8.83	32.84	25.48	.607	0.55	.19	6
15	8.84	32.84	25.48	.606	0.60	.18	6
20	8.70	32.86	25.51	.606	0.70	.18	8
30	7.16	32.97	25.82	.551	3.90	.30	16
40	5.57	33.08	26.11	.489	3.00	.48	30
50	5.02	33.12	26.21	.462	4.50	.39	40
60	4.82	33.17	26.27	.449	3.90	.38	41
70	4.61	33.21	26.32	.424	5.40	.31	44
85	4.54	33.26	26.37	.411	4.00	.32	48
100	4.36	33.28	26.40	.434	5.40	.21	48
115	4.36	33.35	26.46	.394	5.50	.00	50

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.86	32.83	25.46	252.5	.000
10	8.83	32.84	25.48	251.5	.025
20	8.70	32.86	25.51	248.3	.050
30	7.16	32.97	25.82	219.0	.073
50	5.02	33.12	26.21	182.5	.113
75	4.60	33.23	26.34	170.0	.157
100	4.36	33.28	26.40	164.0	.199

STATION 323

55-40 N 168-50 W 29 AUG 1939 1602 GCT
WEATHER O R BAR 29.71 WIND SW 3 SEA SW 1
TEMPERATURE DRY 49 WET 49 DEPTH 355

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.82	32.27	25.03	.574	0.65	.06	8
5	8.84	32.25	25.01	.592	0.60	.07	8
10	8.74	32.32	25.08	.592	0.40	.07	8
15	8.16	32.38	25.22	.559	0.90	.17	12
20	7.83	32.48	25.34	.570	0.80	.22	12
30	6.87	32.59	25.56	.528	1.05	.37	18
40	5.32	32.74	25.87	.505	1.60	.60	22
50	5.30	32.79	25.91	.374	1.70	.52	24
60	4.71	32.90	26.07	.410	1.90	.43	38
70	4.37	32.97	26.16	.338	1.90	.33	44
85	4.24	33.01	26.20	.392	1.70	.27	44
100	3.98	33.04	26.25	.254	2.40	.22	45
115	4.06	33.22	26.39	.345	2.40	.21	45

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 6$	ΔD
0	8.82	32.27	25.03	293.5	.000
10	8.74	32.32	25.08	288.8	.029
20	7.83	32.48	25.34	264.3	.057
30	6.87	32.59	25.56	243.6	.082
50	5.30	32.79	25.91	210.3	.127
75	4.34	32.98	26.17	186.1	.177
100	3.98	33.04	26.25	178.2	.223

STATION 324

55-56 N 169-12 W 29 AUG 1939 1920 GCT
WEATHER O R BAR 29.69 WIND SW 2 SEA SW 1
TEMPERATURE DRY 51 WET 50 DEPTH 913

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.97	32.32	25.05		0.40	.07	9
5	8.99	32.41	25.12		0.60	.04	9
10	8.91	32.41	25.13	.531	0.55	.07	10
15	8.84	32.43	25.15	.533	0.60	.08	10
20	8.62	32.43	25.19	.529	1.10	.09	10
30	5.55	32.70	25.81	.372	1.50	.33	28
40	4.77	32.81	25.99	.469	1.60	.21	30
50	4.55	32.83	26.03	.465	1.50	.26	32
60	4.21	32.94	26.15	.456	1.90	.39	35
70	4.17	32.95	26.16	.448	1.90	.13	36
85	4.14	32.99	26.20	.443	1.90	.03	37
100	4.17	33.06	26.25	.437	2.00	.00	37
115	4.12	33.12	26.30	.426	2.00	.00	37

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\,\delta$	ΔD
0	8.97	32.32	25.05	292.0	.000
10	8.91	32.41	25.13	284.6	.029
20	8.62	32.43	25.19	279.1	.057
30	5.55	32.70	25.81	219.6	.082
50	4.55	32.83	26.03	199.3	.124
75	4.15	32.96	26.17	185.7	.172
100	4.17	33.06	26.25	178.6	.218

STATION 325

56-12 N 169-33 W 29 AUG 1939 2230 GCT
WEATHER O R BAR 29.68 WIND SW 2 SEA SW 1
TEMPERATURE DRY 49 WET 49 DEPTH 155

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.32	31.98	24.73	.522	0.60	.00	15
5	9.31	31.98	24.73	.526	0.55	.00	14
10	9.25	32.00	24.76	.524	0.60	.00	15
15	9.20	32.00	24.76	.527	0.55	.00	16
20		32.00		.523	0.60	.00	15
30	9.16	32.01	24.78	.526	0.70	.00	14
40	5.77	32.12	25.33	.538	1.10	.00	16
50	3.90	32.20	25.59	.534	1.40	.53	18
60	3.70	32.29	25.69	.518	1.90	.48	18
70	3.62	32.41	25.79	.502	1.80	.30	27
85	3.67	32.63	25.96	.405	2.40	.00	48
100	3.71	32.65	25.97	.400	2.40	.00	48
115	3.75	32.70	26.01	.391	2.50	.00	46

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.32	31.98	24.73	322.5	.000
10	9.25	32.00	24.76	320.1	.032
20	9.18	32.00	24.77	318.9	.064
30	9.16	32.01	24.78	318.4	.096
50	3.90	32.20	25.59	240.4	.152
75	3.64	32.51	25.87	214.8	.209
100	3.71	32.65	25.97	205.0	.261

STATION 326

56-27 N 169-53 W 30 AUG 1939 0216 GCT
WEATHER O F BAR 29.65 WIND WSW 2 SEA WSW 1
TEMPERATURE DRY 47 WET 47 DEPTH 91

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.69	32.14	25.23	.620	1.10	.31	14
5	6.67	32.16	25.25	.575	1.50	.34	15
10	6.36	32.18	25.31	.562	1.20	.33	14
15	6.10	32.20	25.35	.555	2.40	.35	12
20	6.28	32.20	25.33	.514	1.50	.34	15
30	6.14	32.20	25.35	.524	1.30	.35	16
40	5.76	32.21	25.40	.470	1.50	.37	17
50	5.22	32.21	25.46	.488	1.50	.38	20
60	4.51	32.29	25.61	.479	2.10	.36	30
70	4.15	32.29	25.64	.468	1.90	.34	31
85	4.14	32.32	25.67	.460	2.00	.35	31

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	6.69	32.14	25.23	274.6	.000
10	6.36	32.18	25.31	267.7	.027
20	6.28	32.20	25.33	265.4	.054
30	6.14	32.20	25.35	263.8	.080
50	5.22	32.21	25.46	252.9	.132
75	4.08	32.30	25.66	234.7	.193

STATION 327

57-20 N 170-02 W 31 AUG 1939 0608 GCT
WEATHER O F BAR 29.60 WIND WSW 3 SEA WSW 1
TEMPERATURE DRY 48 WET 48 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.52	32.14	25.12	.603	1.1	.07	8
5	7.56	32.14	25.12	.609	1.1	.07	9
10	7.51	32.14	25.12	.604	1.2	.08	9
20	7.41	32.14	25.14	.598	1.3	.08	10
30	7.35	32.16	25.16	.592	1.2	.08	12
40	7.04	32.18	25.22	.579	1.4	.24	14
50	6.14	32.20	25.35	.547	1.7	.28	16

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.52	32.14	25.12	285.2	.000
10	7.51	32.14	25.12	285.2	.029
20	7.41	32.14	25.14	284.0	.057
30	7.35	32.16	25.16	281.9	.085
50	6.14	32.20	25.35	264.1	.140

STATION 328

57-38 N 169-48 W 31 AUG 1939 0858 GCT
WEATHER O F BAR 29.56 WIND WSW 2 SEA WSW 1
TEMPERATURE DRY 48 WET 48 DEPTH 72

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.43	32.07	24.94	.613	0.45	.00	4
5	8.41	32.12	24.98	.549	0.45	.00	4
10	8.36	32.16	25.02	.625	0.50	.00	4
15	8.29	32.16	25.03	.516	0.50	.00	5
20	8.19	32.18	25.06	.611	0.55	.00	6
30	3.01	32.12	25.61	.524	1.90	.47	30
40	2.92	32.10	25.60	.554	2.00	.48	33
50	3.00	32.12	25.61	.549	2.00	.50	30
60	3.08	32.14	25.62	.551	2.20	.52	31
65	3.02	32.12	25.61	.551	2.10	.52	31

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	8.43	32.07	24.94	302.8	.000
10	8.36	32.16	25.02	295.3	.030
20	8.19	32.18	25.06	291.6	.059
30	3.01	32.12	25.61	238.6	.086
50	3.00	32.12	25.61	238.6	.134

STATION 329

57-57 N 169-34 W 31 AUG 1939 1225 GCT
WEATHER C BAR 29.72 WIND SE 2 SEA NNW 5
TEMPERATURE DRY 48 WET 47 DEPTH 71

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.71	31.89	24.75	.521	0.30	.00	2
5	8.76	31.91	24.76	.494	0.30	.00	2
10	8.78	31.91	24.76	.536	0.40	.00	2
15	8.76	31.91	24.76	.510	0.30	.00	2
20	7.57	31.91	24.93	.533	0.60	.09	4
30	2.07	31.98	25.57	.451	2.00	.80	26
40	2.11	31.98	25.57	.518	2.00	.90	10
50	2.25	32.01	25.58	.486	2.00	.90	26
60	2.25	32.01	25.58	.521	2.00	.90	24
65	2.26	32.03	25.60	.492	2.00	.90	29

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	8.71	31.89	24.75	320.0	.000
10	8.78	31.91	24.76	319.9	.032
20	7.57	31.91	24.93	303.3	.063
30	2.07	31.98	25.57	242.1	.090
50	2.25	32.01	25.58	241.1	.138

STATION 330

58-14 N 169-18 W 31 AUG 1939 1553 GCT
WEATHER O R BAR 29.62 WIND ESE 3 SEA NW 5
TEMPERATURE DRY 47 WET 47 DEPTH 70

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.60	31.65	24.58	.544	0.30	.00	0
5	8.65	31.65	24.57	.551	0.30	.00	0
10	8.60	31.65	24.58	.551	0.25	.00	0
15	8.60	31.65	24.58	.558	0.25	.00	0
20	8.49	31.65	24.60	.553	0.30	.00	0
30	1.65	31.92	25.56	.519	1.90	.38	29
40	1.64	31.91	25.55	.516	2.00	.39	33
50	1.65	31.91	25.55	.517	2.20	.37	31
60	1.63	31.91	25.55	.519	2.10	.42	34
65	1.63	31.92	25.56	.515	2.10	.39	33

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.60	31.65	24.58	336.5	.000
10	8.60	31.65	24.58	336.6	.034
20	8.49	31.65	24.60	335.2	.068
30	1.65	31.92	25.56	243.9	.097
50	1.65	31.91	25.55	244.6	.146

STATION 331

58-33 N 169-02 W 31 AUG 1939 1820 GCT
WEATHER O R BAR 29.59 WIND E 4 SEA N 5
TEMPERATURE DRY 48 WET 48 DEPTH 68

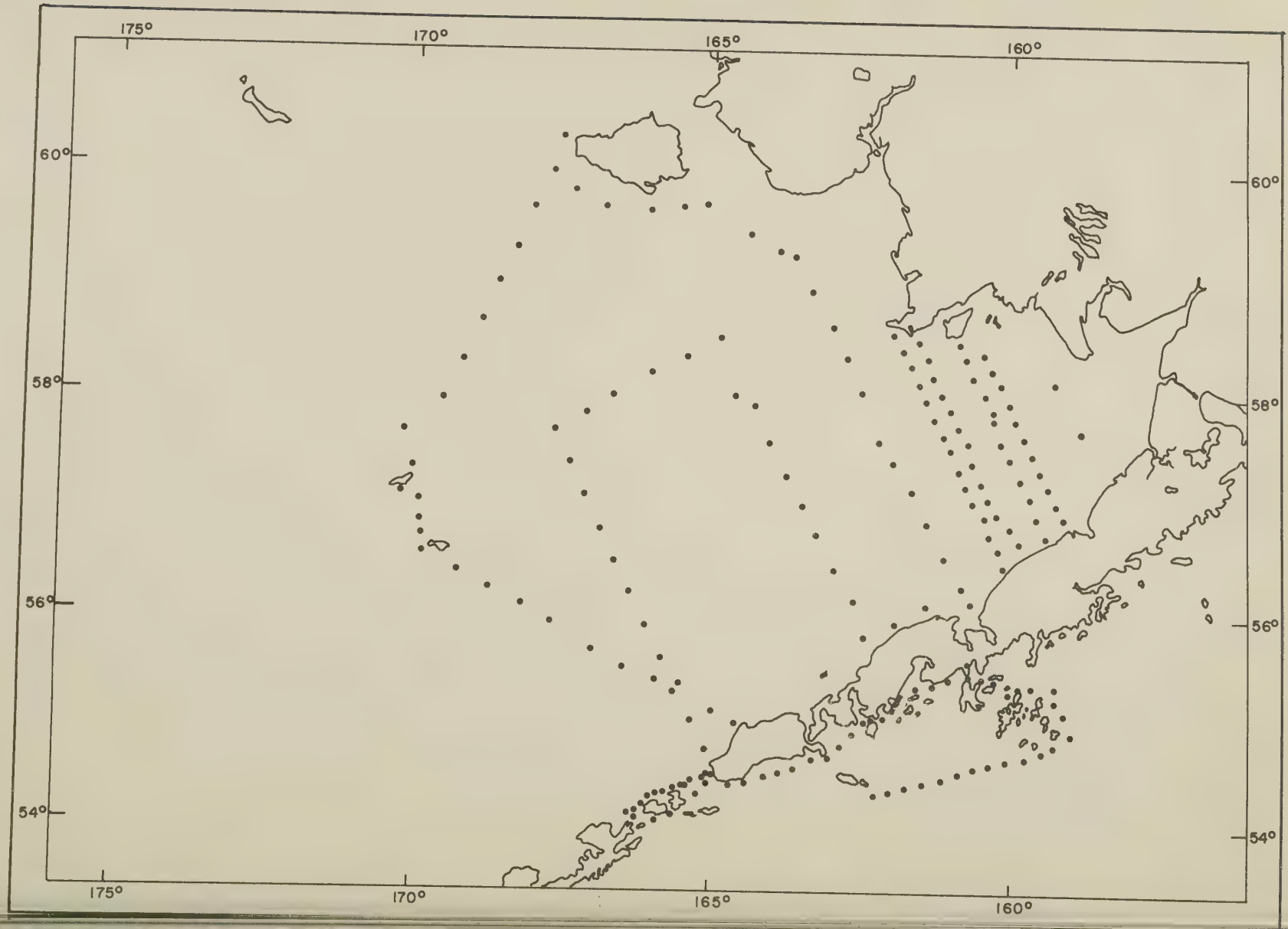
OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.40	31.51	24.50	.549	0.40	.00	2
5	8.43	31.51	24.50	.545	0.40	.00	2
10	8.40	31.51	24.50	.542	0.30	.00	2
15	8.40	31.46	24.46		0.35	.00	2
20	8.34			.542	0.30	.00	2
30	1.64	31.65	25.34	.548	1.80	.27	25
40	1.54	31.71	25.39	.539	1.80	.30	26
60	1.52	31.73	25.41	.537	1.90	.29	29

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	8.40	31.51	24.50	344.1	.000
10	8.40	31.51	24.50	344.2	.034
20	8.34	31.53	24.53	341.4	.068
30	1.64	31.65	25.34	264.3	.095
50	1.42	31.74	25.43	256.1	.147

STATION DATA, 1940


175°
170°
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STATION 1

54-57 N 164-38 W 12 JUL 1940 1950 GCT
WEATHER O BAR 29.79 WIND WSW 4 SEA WSW 4
TEMPERATURE DRY 47 WET 47 DEPTH 62.5

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.97	31.73	24.74	.592		.06	
5	7.99	31.76	24.76	.591	0.8	.05	
10	8.02	31.76	24.75	.594	0.8	.05	
15	7.97	31.78	24.78	.580		.06	
20	7.96	31.73	24.74	.580			5
30	7.89	31.73	24.75	.580	0.8	.06	5
40	7.80	31.78	24.80	.572	0.8		8
50	7.53	31.85	24.89	.570	0.8	.13	10
55	7.51	31.87	24.91	.568	0.8	.12	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	7.97	31.73	24.74	321.8	.000
10	8.02	31.76	24.75	320.4	.032
20	7.96	31.73	24.74	321.9	.064
30	7.89	31.73	24.75	321.1	.096
50	7.53	31.85	24.89	307.6	.159

STATION 2

55-09 N 165-03 W 13 JUL 1940 0035 GCT
WEATHER BC BAR 29.83 WIND SSW 5 SEA SW 4
TEMPERATURE DRY 50 WET 48 DEPTH 110

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.88	31.96	24.93	.578	0.8	.14	0
5	7.88	31.98	24.94	.581	0.8	.13	2
10	7.77	31.98	24.96	.572	0.8	.12	12
15	7.68	31.98	24.97	.579	0.8	.13	12
20	7.67	31.98	24.97	.575	0.8	.13	12
30	7.51	32.03	25.04	.571	0.8	.13	12
40	7.49	32.07	25.07	.571		.14	12
50	7.42	32.12	25.12	.577		.15	12
75	7.24	32.32	25.30	.584		.15	12
100	5.78	32.63	25.73	.514	1.0	.22	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.88	31.96	24.93	303.4	.000
10	7.77	31.98	24.96	300.6	.030
20	7.67	31.98	24.97	299.4	.060
30	7.51	32.03	25.04	293.6	.090
50	7.42	32.12	25.12	286.0	.148
75	7.24	32.32	25.30	269.1	.217
100	5.78	32.63	25.73	228.2	.279

STATION 3

55-20 N 165-35 W 13 JUL 1940 0510 GCT
WEATHER BC BAR 29.89 WIND WSW 5 SEA WSW 4
TEMPERATURE DRY 49 WET 48 DEPTH 120

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.58	31.85	24.74	.603	0.5	.05	
5	8.57	31.89	24.77	.599	0.5	.05	4
10	8.61	31.92	24.79	.600	0.3	.06	10
20	8.45	31.94	24.83	.605	0.8	.06	9
30	8.36	31.94	24.84	.591	0.8	.06	3
40	6.72	32.01	25.13	.553	0.8	.06	13
50	6.56	32.12	25.23	.557	0.8	.08	16
75	6.04	32.39	25.51	.544	0.9	.10	24
100	5.02	32.63	25.82	.484	1.0	.11	32
105	4.87	32.68	25.88	.462	1.2	.12	36

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.58	31.85	24.74	321.3	.000
10	8.61	31.92	24.79	316.7	.032
20	8.45	31.94	24.83	313.1	.063
30	8.36	31.94	24.84	312.0	.094
50	6.56	32.12	25.23	275.1	.153
75	6.04	32.39	25.51	248.9	.219
100	5.02	32.63	25.82	219.7	.278

STATION 4

55-21 N 165-58 W 13 JUL 1940 1015 GCT
WEATHER BC BAR 29.98 WIND SW 5 SEA WSW 4
TEMPERATURE DRY 49 WET 48 DEPTH 124

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.62	32.05	24.89	.603	0.0	.00	
5	8.61	32.07	24.91	.601	0.2	.00	5
10	8.63	32.05	24.89	.641	0.3	.00	12
20	8.63	32.03	24.87	.623	0.3	.00	4
30	8.04	32.09	25.01	.610	0.5	.02	8
40	7.64	32.20	25.15	.605	0.6	.08	16
50	6.67	32.29	25.35	.568	0.8	.19	20
70	5.54	32.43	25.60	.529	0.9	.25	20
90	5.24	32.63	25.79	.499	1.0	.20	28
110	4.72	32.77	25.96	.458	1.2	.15	40

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	8.62	32.05	24.89	307.0	.000
10	8.63	32.05	24.89	307.3	.031
20	8.63	32.03	24.87	309.0	.062
30	8.04	32.09	25.01	296.3	.092
50	6.67	32.29	25.35	263.7	.148
75	5.47	32.49	25.66	234.9	.210
100	4.99	32.69	25.87	214.9	.266

STATION 5

55-29 N 166-30 W 13 JUL 1940 1623 GCT
WEATHER C BAR 30.02 WIND SW 3 SEA WSW 3
TEMPERATURE DRY 48 WET 47 DEPTH 121

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.16	31.92	24.71	.581	0.2	.00	10
5	9.17	31.92	24.71	.583	0.2	.00	12
10	9.18	31.94	24.72	.584	0.2	.00	11
20	9.18	31.94	24.72	.583	0.2	.00	10
30	6.25	32.09	25.25	.584	0.2	.00	12
40	6.45	32.25	25.35	.564	0.4	.09	10
50	5.48	32.25	25.47	.546	0.4	.38	15
70	4.98	32.34	25.59	.568	0.5	.38	14
90	4.60	32.45	25.72	.539	0.5	.14	18
110	4.34	32.65	25.91	.442	0.5	.12	26

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \phi$	ΔD
0	9.16	31.92	24.71	324.6	.000
10	9.18	31.94	24.72	323.5	.032
20	9.18	31.94	24.72	323.7	.064
30	6.25	32.09	25.25	273.4	.094
50	5.48	32.25	25.47	252.7	.147
75	4.89	32.36	25.62	238.3	.208
100	4.47	32.55	25.82	219.9	.265

STATION 6

55-39 N 167-02 W 13 JUL 1940 2008 GCT
WEATHER C BAR 30.12 WIND SW 4 SEA WSW 4
TEMPERATURE DRY 50 WET 48 DEPTH 137

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.05	32.07	24.84	.512	0.2	.00	12
5	9.07	32.07	24.84	.552	0.2	.00	10
10	9.08	32.05	24.82	.561	0.2	.00	10
20	8.89	32.16	24.94	.574	0.2	.00	10
30	8.69	32.16	24.97	.577	0.2	.00	12
40	5.97	32.30	25.45	.585	0.4	.35	12
50	5.53	32.39	25.57	.575	0.5	.32	12
75	4.54	32.63	25.87	.507	0.5	.00	20
100	4.27	32.72	25.97	.426	0.6	.00	48
125	4.24	32.75	26.00	.426	0.5	.02	48

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.05	32.07	24.84	311.8	.000
10	9.08	32.05	24.82	313.9	.031
20	8.89	32.16	24.94	303.1	.062
30	8.69	32.16	24.97	300.3	.092
50	5.53	32.39	25.57	242.8	.146
75	4.54	32.63	25.87	214.4	.203
100	4.27	32.72	25.97	205.2	.255

STATION 7

55-54 N 167-44 W 14 JUL 1940 0303 GCT
WEATHER C BAR 30.14 WIND SW 3 SEA WSW 1
TEMPERATURE DRY 50 WET 49 DEPTH 134

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.06	32.05	24.82	.569	0.2	.00	4
5	9.02	32.09	24.86	.580	0.2	.00	10
10	9.01	32.09	24.86	.578	0.2	.00	5
20	8.79	32.07	24.88	.578	0.2	.00	10
30	8.02	32.03	24.96		0.2	.00	5
40	3.98	32.12	25.52	.581	0.5	.40	20
50	3.44	32.25	25.68	.447	0.5	.38	28
75	3.93	32.63	25.93	.403	0.5	.00	56
100	4.01	32.74	26.01	.406	0.5	.00	54
125	4.01	32.74	26.01	.402	0.6	.00	54

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\,\delta$	ΔD
0	9.06	32.05	24.82	313.4	.000
10	9.01	32.09	24.86	309.9	.031
20	8.79	32.07	24.88	308.3	.062
30	8.02	32.03	24.96	300.5	.092
50	3.44	32.25	25.68	232.5	.145
75	3.93	32.63	25.93	208.5	.200
100	4.01	32.74	26.01	201.1	.251

STATION 8

56-04 N 168-15 W 14 JUL 1940 0713 GCT
WEATHER C BAR 30.16 WIND SW 2 SEA WSW 1
TEMPERATURE DRY 48 WET 47 DEPTH 157

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.95	32.30	25.04	.551	0.3	.00	3
5	8.89	32.32	25.06	.575	0.4	.00	3
10	8.64	32.34	25.11	.522	0.4	.00	6
20	8.50	32.32	25.12	.549	0.4	.00	5
30	6.96	32.32	25.34	.592	0.5	.18	10
40	5.26	32.32	25.55	.582	0.9	.34	14
50	4.84	32.54	25.77	.545	1.2	.40	24
75	4.59	32.75	25.96	.405	1.0	.00	40
100	4.61	32.84	26.03	.468	1.2	.00	46
140	4.45	33.04	26.21	.438	1.5	.10	50

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	8.95	32.30	25.04	293.2	.000
10	8.64	32.34	25.11	285.9	.029
20	8.50	32.32	25.12	285.5	.058
30	6.96	32.32	25.34	264.9	.086
50	4.84	32.54	25.77	224.1	.135
75	4.59	32.75	25.96	205.9	.189
100	4.61	32.84	26.03	199.6	.240

STATION 9

56-13 N 168-48 W 14 JUL 1940 1155 GCT
WEATHER C BAR 30.13 WIND SE 2 SEA WSW 1
TEMPERATURE DRY 48 WET 47 DEPTH 149

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.18	31.98	24.75	.560	0.0	.00	4
5	9.15	31.98	24.76	.572	0.2	.00	3
10	9.08	32.00	24.78	.577	0.2	.00	3
20	9.00	32.00	24.79	.578	0.3	.00	3
30	8.62	32.03	24.88	.586	0.3	.00	2
40	5.93	32.32	25.47	.611	0.8	.28	12
50	4.46	32.43	25.72	.578	1.0	.48	16
75	3.96	32.68	25.97	.423	1.8	.00	52
100	4.08	32.79	26.05	.419	1.8	.00	56
135	4.14	32.88	26.11	.428	1.8	.02	56

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.18	31.98	24.75	320.4	.000
10	9.08	32.00	24.78	317.6	.032
20	9.00	32.00	24.79	316.6	.064
30	8.62	32.03	24.88	309.0	.095
50	4.46	32.43	25.72	228.5	.149
75	3.96	32.68	25.97	205.0	.203
100	4.08	32.79	26.05	198.0	.253

STATION 10

56-22 N 169-18 W 14 JUL 1940 1548 GCT
WEATHER C BAR 30.08 WIND SE 5 SEA SE 2
TEMPERATURE DRY 50 WET 49 DEPTH 116

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.70	32.00	24.84	.561	0.2	.00	4
5	8.69	32.00	24.84	.572	0.2	.00	4
10	8.62	32.01	24.86	.581	0.3	.00	5
20	7.82	32.03	24.99	.603	0.5	.00	5
30	5.24	32.12	25.39	.594	0.8	.08	10
40	3.90	32.14	25.55	.564	1.0	.10	28
50	3.78	32.23	25.63	.554	1.2	.32	28
70	3.53	32.48	25.85	.413	2.0	.00	46
90	3.70	32.61	25.94	.458	2.0	.00	50
110	3.82	32.66	25.97	.426	2.0	.00	52

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	8.70	32.00	24.84	311.9	.000
10	8.62	32.01	24.86	310.1	.031
20	7.82	32.03	24.99	297.7	.061
30	5.24	32.12	25.39	259.7	.089
50	3.78	32.23	25.63	237.0	.139
75	3.57	32.51	25.87	214.2	.195
100	3.77	32.64	25.96	206.3	.248

STATION 11

56-33 N 169-53 W 14 JUL 1940 2050 GCT
WEATHER O Z BAR 30.06 WIND SE 3 SEA SSE 1
TEMPERATURE DRY 47 WET 47 DEPTH 95

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.76	31.64	25.06	.613	0.2	.00	3
5	4.74	31.69	25.11	.634	0.2	.00	3
10	4.77	31.65	25.07	.635	0.3	.00	10
20	4.17	31.65	25.13	.618	0.3	.00	11
30	3.72	31.67	25.19	.592	0.5	.00	10
40	3.29	31.69	25.25	.584	0.7	.00	12
50	3.03	31.73	25.30	.578	0.8	.00	10
60	2.62	31.74	25.34	.568	0.9	.08	12
75	2.50	31.96	25.53	.514	1.5	.00	16
90	3.00	32.52	25.93	.446	1.9	.00	40

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.76	31.64	25.06	290.5	.000
10	4.77	31.65	25.07	290.0	.029
20	4.17	31.65	25.13	284.2	.058
30	3.72	31.67	25.19	278.6	.086
50	3.03	31.73	25.30	268.3	.141
75	2.50	31.96	25.53	246.8	.205

STATION 12

56-43 N 169-56 W 14 JUL 1940 2208 GCT
WEATHER O Z BAR 30.01 WIND ESE 4 SEA SSE 2
TEMPERATURE DRY 47 WET 47 DEPTH 85

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.23	31.83	24.92	.584	0.1	.00	0
5	6.42	31.80	25.00		0.3	.00	2
10	5.48	31.76	25.08	.602	0.1	.00	3
20	4.02	31.73	25.21	.587	0.2	.00	6
30	3.89	31.73	25.22	.578	0.5	.00	10
40	3.65	31.74	25.25	.572	0.8	.00	12
50	3.59	31.76	25.27	.571	0.8	.00	11
60	3.54	31.76	25.28	.568	0.8	.00	12
70	3.50	31.76	25.28	.568	0.8	.00	12
80	3.45	31.74	25.27	.567	0.8	.00	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.23	31.83	24.92	304.5	.000
10	5.48	31.76	25.08	289.1	.030
20	4.02	31.73	25.21	276.8	.058
30	3.89	31.73	25.22	275.6	.086
50	3.59	31.76	25.27	270.8	.141
75	3.48	31.76	25.28	269.9	.209

STATION 13

56-50 N 169-57 W 15 JUL 1940 0035 GCT
WEATHER C BAR 29.98 WIND ESE 5 SEA SSE 4
TEMPERATURE DRY 45 WET 45 DEPTH 75

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.63	31.98	24.84	.598	0.0	.00	0
5	8.68	32.07	24.90	.598	0.0	.00	0
10	8.68	32.09	24.91	.597	0.2	.00	2
20	8.66	32.10	24.92	.597	0.1	.00	0
30	8.64	32.10	24.93	.612	0.1	.00	3
40	4.69	32.09	25.43	.597	0.7	.15	5
50	3.00	32.16	25.64	.545	2.0	.15	14
60	2.75	32.20	25.70	.521	2.0	.10	14
70	2.73	32.16	25.67	.532	2.0	.10	16

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.63	31.98	24.84	312.4	.000
10	8.68	32.09	24.91	305.1	.031
20	8.66	32.10	24.92	304.2	.061
30	8.64	32.10	24.93	304.1	.091
50	3.00	32.16	25.64	235.6	.145

STATION 14

57-00 N 169-59 W 15 JUL 1940 0253 GCT
WEATHER C BAR 29.89 WIND SE 6 SEA SSE 4
TEMPERATURE DRY 47 WET 46 DEPTH 69

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.78	31.46	24.92	.645	0.3	.03	6
5	4.76	31.53	24.98	.653	0.3	.03	4
10	3.90	31.53	25.06	.634	0.3	.04	10
20	3.10	31.51	25.12	.594	0.4	.05	10
30	3.14	31.55	25.15	.621	0.5	.07	10
40	3.09	31.56	25.16	.615	0.5	.07	11
50	3.12	31.56	25.16	.619	0.6	.08	11
60	3.07	31.58	25.18	.624	0.5	.07	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.78	31.46	24.92	304.3	.000
10	3.90	31.53	25.06	290.7	.030
20	3.10	31.51	25.12	285.4	.059
30	3.14	31.55	25.15	282.8	.087
50	3.12	31.56	25.16	281.9	.143

STATION 15

57-07 N 170-17 W 15 JUL 1940 0550 GCT
WEATHER O Z BAR 29.82 WIND E 6 SEA SW 1
TEMPERATURE DRY 45 WET 44 DEPTH 11

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.17	31.51	24.92	.629	0.5	.00	2
5	5.17	31.53	24.93	.627	0.8	.03	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.17	31.51	24.92	304.5	.000

STATION 16

57-20 N 170-06 W 16 JUL 1940 2225 GCT
WEATHER F BAR 29.32 WIND SE 3 SEA NE 1
TEMPERATURE DRY 46 WET 46 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.89	31.56	24.75	.602	0.5	.00	10
5	6.85	31.56	24.76	.608	0.4	.00	0
10	6.32	31.58	24.84	.623	0.4	.02	10
20	3.15	31.58	25.17	.615	0.8	.08	0
30	2.89	31.62	25.22	.611	1.0	.11	16
40	2.84	31.55	25.17	.609	1.0	.10	10
50	2.85	31.56	25.18	.607	1.0	.12	10
55	2.83	31.67	25.27	.605	1.0	.12	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.89	31.56	24.75	320.5	.000
10	6.32	31.58	24.84	312.2	.031
20	3.15	31.58	25.17	280.5	.061
30	2.89	31.62	25.22	275.5	.089
50	2.85	31.56	25.18	279.7	.145

STATION 17

57-39 N 169-46 W 17 JUL 1940 0203 GCT
WEATHER C BAR 29.32 WIND SE 3 SEA E 1
TEMPERATURE DRY 47 WET 47 DEPTH 72

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.65	31.47	24.71	.601	0.1	.00	0
5	6.65	31.46	24.70	.612	0.1	.00	2
10	6.61	31.44	24.69	.600	0.2	.00	2
20	0.62	31.36	25.17	.613	0.9	.05	5
30	0.64	31.38	25.18	.620	1.0	.05	10
40	0.61	31.38	25.18	.618	1.0	.03	10
50	0.37	31.47	25.27	.586	1.0	.05	12
60	0.22	31.51	25.31	.565	1.1	.05	12
65	0.21	31.51	25.31	.565	1.1	.05	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.65	31.47	24.71	324.2	.000
10	6.61	31.44	24.69	326.1	.033
20	0.62	31.36	25.17	280.7	.063
30	0.64	31.38	25.18	279.3	.091
50	0.37	31.47	25.27	271.0	.146

STATION 18

57-57 N 169-34 W 17 JUL 1940 0523 GCT
WEATHER C Z BAR 29.31 WIND SE 2 SEA E 1
TEMPERATURE DRY 53 WET 49 DEPTH 71

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.61	31.31	24.46	.578	0.24	.00	1
5	7.63	31.29	24.44	.589	0.24	.00	1
10	7.56	31.26	24.43	.595	0.24	.00	2
15	7.48	31.24	24.42	.595	0.27	.00	4
20	6.71	31.24	24.52	.608	0.29	.00	4
30	0.40	31.35	25.17	.598	0.40	.03	10
40	0.37	31.35	25.17	.598	0.50	.03	10
50	0.32	31.38	25.20	.593	0.50	.03	12
65	0.33	31.38	25.20	.591	0.55	.05	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	7.61	31.31	24.46	348.3	.000
10	7.56	31.26	24.43	351.5	.035
20	6.71	31.24	24.52	342.4	.070
30	0.40	31.35	25.17	280.4	.101
50	0.32	31.38	25.20	277.7	.157

STATION 19

58-17 N 169-15 W 17 JUL 1940 0840 GCT
WEATHER D BAR 29.30 WIND SE 4 SEA E 4
TEMPERATURE DRY 47 WET 46 DEPTH 69

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.53	31.11	24.31	.582	0.19	.00	1
5	7.51	31.09	24.30	.589	0.22	.00	1
10	7.52	31.09	24.30	.598	0.18	.00	1
20	5.45	31.08	24.55	.618	0.24	.00	3
30	0.34	31.31	25.14	.627	0.33	.00	9
40	0.31	31.31	25.14	.625	0.45	.00	10
50	0.30	31.31	25.14	.623	0.45	.01	10
65	0.29	31.35	25.17	.620	0.47	.02	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	7.53	31.11	24.31	362.2	.000
10	7.52	31.09	24.30	363.7	.036
20	5.45	31.08	24.55	340.0	.071
30	0.34	31.31	25.14	283.2	.102
50	0.30	31.31	25.14	282.9	.159

STATION 20

58-38 N 168-58 W 17 JUL 1940 1245 GCT
WEATHER R BAR 29.30 WIND S 4 SEA ESE 1
TEMPERATURE DRY 48 WET 48 DEPTH 64

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.29	31.08	24.18	.575	0.2	.00	2
5	8.28	31.11	24.21	.578	0.2	.00	1
10	8.28	31.11	24.21	.578	0.2	.00	2
20	8.01	31.13	24.26	.585	0.2	.00	5
30	0.93	31.36	25.15	.631	0.9	.03	12
40	0.87	31.38	25.17	.634	0.9	.02	10
50	0.87	31.38	25.17	.631	0.9	.00	10
60	0.87	31.40	25.19	.557	0.9	.00	

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	8.29	31.08	24.18	374.6	.000
10	8.28	31.11	24.21	372.4	.037
20	8.01	31.13	24.26	367.3	.074
30	0.93	31.36	25.15	282.3	.106
50	0.87	31.38	25.17	280.4	.162

STATION 21

58-58 N 168-41 W 17 JUL 1940 1616 GCT
WEATHER O E F BAR 29.27 WIND S 4 SEA S 2
TEMPERATURE DRY 48 WET 48 DEPTH 50

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.48	31.20	24.39	.592	0.3	.00	1
5	7.48	31.24	24.42	.593	0.5	.00	1
10	7.45	31.26	24.44	.593	0.2	.00	2
20	3.82	31.35	24.93	.651	0.8	.00	5
30	3.68	31.36	24.95	.656	0.7	.00	5
40	3.64	31.36	24.95	.656	0.7	.00	5
45	3.64	31.38	24.97	.652	0.7	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.48	31.20	24.39	354.8	.000
10	7.45	31.26	24.44	350.1	.035
20	3.82	31.35	24.93	303.6	.068
30	3.68	31.36	24.95	301.7	.098

STATION 22

59-16 N 168-24 W 17 JUL 1940 1918 GCT
WEATHER F BAR 29.28 WIND SE 4 SEA SSE 3
TEMPERATURE DRY 47 WET 46 DEPTH 42

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.06	31.51	24.82	.604	0.1	.00	2
5	6.05	31.51	24.82	.606	0.2	.00	3
10	6.10	31.51	24.81	.605	0.2	.00	4
15	6.04	31.53	24.83	.605	0.2	.00	6
20	6.10	31.51	24.81	.602	0.2	.00	6
35	6.08	31.53	24.83	.602	0.3	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.06	31.51	24.82	314.3	.000
10	6.10	31.51	24.81	314.8	.031
20	6.10	31.51	24.81	314.9	.062
30	6.09	31.52	24.82	314.2	.093

STATION 23

59-37 N 167-54 W 17 JUL 1940 2230 GCT
WEATHER O F BAR 29.29 WIND SSE 5 SEA SSE 4
TEMPERATURE DRY 48 WET 47 DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.31	31.56	24.69	.588	0.2	.00	5
5	7.26	31.56	24.70	.587	0.2	.00	1
10	7.21		24.71	.588	0.1	.00	1
15	7.20	31.56	24.71	.587	0.1	.00	12
20	7.11	31.58	24.74	.585	0.1	.00	14
35	7.04	31.60	24.76	.587	0.1	.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.31	31.56	24.69	325.7	.000
10	7.21	31.56	24.71	324.6	.033
20	7.11	31.58	24.74	321.9	.065
30	7.07	31.59	24.75	320.8	.097

STATION 24

59-57 N 167-49 W 18 JUL 1940 0158 GCT
WEATHER C D BAR 29.31 WIND SE 5 SEA SSE 4
TEMPERATURE DRY 48 WET 48 DEPTH 26

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.94	31.51	24.42	.571	0.1	.00	1
5	8.90	31.51	24.43	.571	0.1	.00	1
10	8.90	31.53	24.44	.571	0.1	.00	1
15	8.91	31.53	24.44	.568	0.1	.00	1
20	8.94	31.53	24.44	.569	0.1	.00	1

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.94	31.51	24.42	351.8	.000
10	8.90	31.53	24.44	349.9	.035
20	8.94	31.53	24.44	350.6	.070

STATION 25

60-13 N 167-38 W 18 JUL 1940 0422 GCT
WEATHER C D BAR 29.31 WIND SSE 5 SEA SSE 4
TEMPERATURE DRY 49 WET 48 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.13	31.51	24.23	.538	0.28	.00	3
5	10.10	31.51	24.24	.538	0.24	.00	2
10	10.14	31.51	24.23	.521	0.26	.00	2
15	10.14	31.51	24.23	.539	0.26	.00	3
20	10.18	31.51	24.22	.540	0.24	.00	2
30	10.20	31.51	24.22	.548	0.27	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.13	31.51	24.23	369.8	.000
10	10.14	31.51	24.23	370.2	.037
20	10.18	31.51	24.22	371.0	.074
30	10.20	31.51	24.22	371.5	.111

STATION 26

59-46 N 167-26 W 18 JUL 1940 0910 GCT
WEATHER O Z BAR 29.33 WIND SSE 7 SEA SSE 5
TEMPERATURE DRY 47 WET 47 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.50	31.33	24.19	.544	0.24	.00	3
5	9.47	31.33	24.20	.621	0.22	.00	3
10	9.44	31.33	24.20	.522	0.23	.00	3
20	9.44	31.33	24.20	.547	0.21	.00	4
25	9.46	31.33	24.20	.544	0.20	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.50	31.33	24.19	373.5	.000
10	9.44	31.33	24.20	372.7	.037
20	9.44	31.33	24.20	372.9	.074

STATION 27

59-38 N 166-55 W 18 JUL 1940 1251 GCT
WEATHER C BAR 29.38 WIND SSE 5 SEA SSE 4
TEMPERATURE DRY 48 WET 48 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.76	31.26	24.10	.534	0.48	.00	8
5	9.73	31.26	24.10	.532	0.48	.00	8
10	9.72	31.26	24.10	.532	0.50	.00	4
20	9.73	31.26	24.10	.538	0.50	.00	10
25	9.75	31.26	24.10	.531	0.55	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.76	31.26	24.10	382.6	.000
10	9.72	31.26	24.10	382.2	.038
20	9.73	31.26	24.10	382.5	.076

STATION 28

59-36 N 166-09 W 18 JUL 1940 1610 GCT
WEATHER O Z BAR 29.42 WIND SE 6 SEA SSE 4
TEMPERATURE DRY 49 WET 49 DEPTH 34

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.49	31.26	23.98	.523	0.35	.00	4
5	10.47	31.24	23.97	.522	0.30	.00	3
10	10.48	31.22	23.95	.520	0.25	.00	3
20	10.42	31.24	23.97	.523	0.25	.00	3
25	10.44	31.26	23.99	.523	0.23	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.49	31.26	23.98	394.1	.000
10	10.48	31.22	23.95	397.0	.040
20	10.42	31.24	23.97	394.8	.080

STATION 29

59-38 N 165-36 W 18 JUL 1940 1905 GCT
WEATHER O M BAR 29.44 WIND SSE 6 SEA SSE 4
TEMPERATURE DRY 49 WET 49 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.18	31.31	24.07	.536	0.50	.00	3
5	10.15	31.29	24.06	.532	0.32	.00	2
10	10.16	31.29	24.06	.532	0.35	.00	2
15	10.18	31.29	24.05	.537	0.35	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.18	31.31	24.07	385.4	.000
10	10.16	31.29	24.06	386.8	.039

STATION 30

59-38 N 165-12 W 18 JUL 1940 2125 GCT
WEATHER O M Z BAR 29.49 WIND SSE 5 SEA SSE 4
TEMPERATURE DRY 50 WET 50 DEPTH 12

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.92	31.08	23.76	.535	0.32	.00	1
4	10.90	31.08	23.77	.528	0.32	.00	1
8	10.89	31.08	23.77	.512	0.32	.00	1

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.92	31.08	23.76	414.4	.000

STATION 31

59-25 N 164-27 W 19 JUL 1940 0136 GCT
WEATHER C BAR 29.56 WIND S 6 SEA SSE 3
TEMPERATURE DRY 51 WET 50 DEPTH 21

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.94	31.08	23.76	.559	0.2	.00	2
5	10.93	31.08	23.76	.556	0.2	.00	2
10	10.92	31.08	23.76	.552	0.2	.00	2
15	10.93	31.08	23.76	.548	0.2	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.94	31.08	23.76	414.7	.000
10	10.92	31.08	23.76	414.6	.041

STATION 32

59-16 N 163-56 W 19 JUL 1940 0440 GCT
WEATHER C Z BAR 29.66 WIND S 5 SEA S 4
TEMPERATURE DRY 50 WET 50 DEPTH 23

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.43	31.06	23.83	.549	0.35	.00	3
5	10.41	31.08	23.85	.545	0.23	.00	2
10	10.42	31.04	23.82	.533	0.22	.00	1
17	10.37	31.09	23.87	.545	0.22	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.43	31.06	23.83	407.9	.000
10	10.42	31.04	23.82	409.4	.041

STATION 33

59-12 N 163-42 W 19 JUL 1940 0645 GCT
WEATHER O Z BAR 29.69 WIND S 5 SEA S 4
TEMPERATURE DRY 50 WET 49 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.41	31.00	23.79	.548	0.14	.00	1
5	10.39	31.00	23.79	.543	0.13	.00	2
10	10.40	31.00	23.79	.532	0.07	.00	2
15	10.41	31.00	23.79	.548	0.08	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.41	31.00	23.79	412.1	.000
10	10.40	31.00	23.79	412.1	.041

STATION 34

58-53 N 163-24 W 19 JUL 1940 0956 GCT
WEATHER O Z BAR 29.74 WIND S 5 SEA S 1
TEMPERATURE DRY 50 WET 50 DEPTH 26

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.09	30.77	23.66	.552	0.04	.00	2
5	10.07	30.77	23.67	.547	0.04	.00	2
10	10.09	30.77	23.66	.453	0.04	.00	2
20	10.10	30.77	23.66	.551	0.05	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	10.09	30.77	23.66	424.1	.000
10	10.09	30.77	23.66	424.2	.042
20	10.10	30.77	23.66	424.6	.084

STATION 35

58-35 N 163-03 W 19 JUL 1940 1306 GCT
WEATHER O BAR 29.80 WIND SSE 4 SEA S 1
TEMPERATURE DRY 49 WET 48 DEPTH 29

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.29	31.41	24.13	.547	0.2	.00	4
5	10.30	31.46	24.17	.546	0.3	.00	4
10	10.30	31.48	24.18	.537	0.2	.00	4
20	10.30	31.48	24.18	.546	0.28	.00	4
25	10.32	31.48	24.18	.541	0.28	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	10.29	31.41	24.13	379.8	.000
10	10.30	31.48	24.18	374.9	.038
20	10.30	31.48	24.18	375.1	.076

STATION 36

58-18 N 162-49 W 19 JUL 1940 1600 GCT
WEATHER C BAR 29.80 WIND S 4 SEA S 1
TEMPERATURE DRY 50 WET 49 DEPTH 33

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.23	30.70	23.75	.541	0.28	.00	2
5	9.18	30.73	23.78	.557	0.18	.00	2
10	9.18	30.73	23.78	.552	0.30	.00	2
20	9.19	30.75	23.79	.559	0.29	.00	2
25	9.14	30.73	23.78	.563	0.30	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	9.23	30.70	23.75	416.3	.000
10	9.18	30.73	23.78	413.4	.041
20	9.19	30.75	23.79	412.3	.082

STATION 37

58-00 N 162-32 W 19 JUL 1940 1915 GCT
WEATHER F BAR 29.77 WIND SE 4 SEA SE 1
TEMPERATURE DRY 46 WET 46 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.62	31.40	24.53	.570	0.27	.00	2
5	7.57	31.40	24.53	.569	0.28	.00	3
10	7.43	31.40	24.55	.571	0.26	.00	2
20	7.42	31.51	24.64	.581	0.23	.00	2
37	7.40	31.51	24.64	.578	0.21	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	7.62	31.40	24.53	341.7	.000
10	7.43	31.40	24.55	339.4	.034
20	7.42	31.51	24.64	331.1	.068
30	7.41	31.51	24.64	331.1	.101

STATION 38

57-34 N 162-14 W — 19 JUL 1940 — 2240 GCT
WEATHER C Z — BAR 29.70 — WIND E 5 — SEA ENE 1
TEMPERATURE DRY 49 WET 49 — DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.34	31.73	24.68	.615	0.55	.00	3
5	8.14	31.76	24.74	.618	0.32	.00	5
10	7.39	31.80	24.87	.609	0.43	.00	8
20	6.67	31.87	25.02	.555	0.72	.00	8
30	6.70	31.87	25.02	.580	0.58	.00	6
40	6.65	31.87	25.03	.572	0.70	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.34	31.73	24.68	326.9	.000
10	7.39	31.80	24.87	309.0	.032
20	6.67	31.87	25.02	294.8	.062
30	6.70	31.87	25.02	295.3	.092

STATION 39

57-22 N 162-00 W — 22 JUL 1940 — 0325 GCT
WEATHER C Z — BAR 29.96 — WIND SE 3 — SEA SSW 2
TEMPERATURE DRY 50 WET 49 — DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.90	31.74	24.45		0.02	.00	3
5	9.90	31.74	24.45	.593	0.00	.00	5
10	9.71	31.76	24.50	.593	0.02	.00	4
20	6.35	31.69	24.92	.552	0.30	.00	4
30	6.26	31.69	24.93	.543	0.38	.01	4
40	6.20	31.64	24.90	.562	0.38	.00	3
45	6.22	31.65	24.91	.561	0.42	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.90	31.74	24.45	349.2	.000
10	9.71	31.76	24.50	344.9	.035
20	6.35	31.69	24.92	304.4	.067
30	6.26	31.69	24.93	303.4	.097

STATION 40

57-08 N 161-42 W 22 JUL 1940 0715 GCT
WEATHER O P BAR 29.93 WIND SSE 1 SEA SW 2
TEMPERATURE DRY 50 WET 50 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.03	31.71	24.40	.614	0.02	.00	3
5	9.07	31.71	24.56	.629	0.02	.00	3
10	7.42	31.65	24.75	.628	0.08	.00	4
20	6.55	31.73	24.93	.571	0.32	.02	5
30	6.31	31.73	24.96	.567	0.30	.02	5
40	6.18	31.74	24.98	.557			
50	6.15	31.74	24.99	.554	0.38	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.03	31.71	24.40	353.4	.000
10	7.42	31.65	24.75	320.6	.034
20	6.55	31.73	24.93	303.8	.065
30	6.31	31.73	24.96	301.0	.095
50	6.15	31.74	24.99	298.6	.155

STATION 41

56-49 N 161-25 W 22 JUL 1940 1015 GCT
WEATHER O D BAR 29.93 WIND SE 2 SEA SW 2
TEMPERATURE DRY 51 WET 50 DEPTH 75

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.82	31.73	24.29	.585	0.07	.00	3
5	10.79	31.73	24.29	.589	0.04	.00	3
10	10.30	31.74	24.38	.593	0.34	.00	5
20	4.54	31.85	25.25	.545	0.60	.04	11
30	2.74	31.92	25.47	.538	1.20	.12	16
40	2.70	31.91	25.47	.540	1.20	.08	17
50	2.72	31.92	25.48	.573	1.00	.09	18
60	2.71	31.92	25.48	.544	1.15	.06	14
70	2.72	31.92	25.48	.532	1.20	.10	16

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.82	31.73	24.29	364.7	.000
10	10.30	31.74	24.38	355.7	.036
20	4.54	31.85	25.25	272.7	.067
30	2.74	31.92	25.47	251.6	.093
50	2.72	31.92	25.48	251.5	.143

STATION 42

56-30 N 161-10 W 22 JUL 1940 1330 GCT
WEATHER C BAR 29.94 WIND S 4 SEA SW 2
TEMPERATURE DRY 50 WET 50 DEPTH 70

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.56	31.73	24.50	.604	0.08	.00	10
5	9.51	31.73	24.50	.613	0.12	.00	9
10	9.51	31.73	24.50	.604	0.12	.00	2
20	9.26	31.74	24.55	.598	0.05	.00	9
30	8.45	31.76	24.69	.570	0.22	.02	10
40	3.75	31.80	25.29	.515	0.95	.18	28
50	3.71	31.83	25.32	.525	0.12	.20	26
60	3.69	31.83	25.32	.521	1.00	.18	28

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.56	31.73	24.50	344.7	.000
10	9.51	31.73	24.50	344.1	.034
20	9.26	31.74	24.55	339.7	.068
30	8.45	31.76	24.69	326.6	.101
50	3.71	31.83	25.32	266.6	.160

STATION 43

56-13 N 160-52 W 22 JUL 1940 1646 GCT
WEATHER C Z BAR 30.05 WIND SSW 4 SEA SW 5
TEMPERATURE DRY 50 WET 50 DEPTH 38

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.94	31.44	24.37	.585	0.33	.00	5
5	8.92	31.46	24.39	.588	0.32	.00	3
10	8.91	31.46	24.39	.582	0.33	.00	3
20	8.83	31.46	24.40	.588	0.33	.00	3
30	8.84	31.47	24.41	.581	0.33	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.94	31.44	24.37	357.0	.000
10	8.91	31.46	24.39	355.2	.036
20	8.83	31.46	24.40	354.2	.071
30	8.84	31.47	24.41	353.8	.106

STATION 44

6-05 N 160-42 W 22 JUL 1940 1905 GCT
EATHER C Z BAR 29.99 WIND SSW 2 SEA W 1
EMPERATURE DRY 51 WET 50 DEPTH 12

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.71	30.12	22.88		1.00	.00	6
8	11.36	30.23	23.03		1.00	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	11.71	30.12	22.88	498.6	.000

STATION 45

6-04 N 161-26 W 23 JUL 1940 0538 GCT
EATHER C Z BAR 30.08 WIND NE 1 SEA W 1
EMPERATURE DRY 55 WET 54 DEPTH 35

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.66	31.49	24.29	.605	0.0	.00	2
5	9.13	31.51	24.39	.609	0.0	.00	3
10	8.91	31.51	24.43	.580	0.33	.00	3
20	8.82	31.55	24.47	.577	0.35	.00	3
30	8.84	31.55	24.47	.574	0.30	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	9.66	31.49	24.29	364.3	.000
10	8.91	31.51	24.43	351.5	.043
20	8.82	31.55	24.47	347.4	.078
30	8.84	31.55	24.47	347.8	.113

STATION 46

55-54 N 161-58 W 23 JUL 1940 0845 GCT
WEATHER O D BAR 30.02 WIND SE 4 SEA SW 1
TEMPERATURE DRY 51 WET 51 DEPTH 30

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.63	31.46	24.27	.535	0.45	.00	11
5	9.58	31.47	24.29	.532	0.45	.00	10
10	9.58	31.47	24.29	.531	0.45	.00	10
20	9.49	31.49	24.32	.533	0.45	.02	10
27	9.49	31.51	24.34	.531	0.45	.00	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 8	ΔD
0	9.63	31.46	24.27	365.8	.000
10	9.58	31.47	24.29	364.5	.037
20	9.49	31.49	24.32	361.8	.073

STATION 47

55-46 N 162-30 W 23 JUL 1940 1158 GCT
WEATHER O D BAR 30.00 WIND WNW 2 SEA WSW 1
TEMPERATURE DRY 51 WET 50 DEPTH 42

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.51	31.73	24.50	.562	0.28	.00	12
4	9.32	31.69	24.50	.536	0.35	.00	12
9	9.17	31.71	24.54		0.40	.02	10
19	8.95	31.71	24.58	.539	0.40	.00	12
29	8.86	31.71	24.59	.531	0.40	.02	14
38	8.90	31.73	24.60	.526	0.40	.00	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 8	ΔD
0	9.51	31.73	24.50	343.9	.000
10	9.15	31.71	24.54	340.2	.034
20	8.94	31.71	24.58	337.2	.068
30	8.86	31.71	24.59	336.2	.102

STATION 48

5-05 N 162-41 W 23 JUL 1940 1513 GCT
EATHER O BAR 30.01 WIND ENE 2 SEA WSW 1
EMPERATURE DRY 51 WET 51 DEPTH 80

OBSERVED VALUES

EPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.25	31.78	24.42	.568	0.02	.00	2
5	10.26	31.78	24.42	.561	0.08	.00	0
10	10.24	31.80	24.44	.507	0.08	.00	0
20	9.57	31.80	24.55	.582	0.08	.00	3
30	4.18	31.98	25.39	.500	0.09	.15	24
40	3.87	31.98	25.42	.495	1.00	.08	24
50	3.68	31.98	25.44	.494	1.00	.10	24
60		31.98	25.45	.480	1.20	.03	28
70	0.64	31.98	25.66	.483	1.20	.02	24

INTERPOLATED AND COMPUTED VALUES

EPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	10.25	31.78	24.42	351.7	.000
10	10.24	31.80	24.44	350.3	.035
20	9.57	31.80	24.55	340.0	.070
30	4.18	31.98	25.39	259.5	.100
50	3.68	31.98	25.44	255.0	.151

STATION 49

6-23 N 163-00 W 23 JUL 1940 1830 GCT
EATHER O F BAR 30.05 WIND ENE 3 SEA WSW 1
EMPERATURE DRY 51 WET 51 DEPTH 84

OBSERVED VALUES

EPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.04	31.78	24.46	.563	0.22	.00	4
5	10.02	31.78	24.46	.561	0.18	.00	2
10	9.99	31.78	24.47	.569	0.17	.00	3
20	9.66	31.80	24.53	.571	0.13	.00	3
30	2.11	31.98	25.57	.494	1.00	.09	36
40	1.90	32.00	25.60	.522	1.00	.09	34
50	1.93	32.00	25.60	.522	1.00	.12	36
60	1.88	32.00	25.60	.517	1.05	.08	42
70	1.92	32.00	25.60	.525	1.10	.09	40
80	1.91	31.98	25.59	.518	1.05	.02	36

INTERPOLATED AND COMPUTED VALUES

EPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	10.04	31.78	24.46	348.4	.000
10	9.99	31.78	24.47	347.8	.035
20	9.66	31.80	24.53	341.4	.069
30	2.11	31.98	25.57	242.4	.098
50	1.93	32.00	25.60	239.7	.146
75	1.91	32.00	25.60	239.5	.206

STATION 50

56-42 N 163-18 W 23 JUL 1940 2247 GCT
WEATHER O Z BAR 30.05 WIND E 2 SEA WSW 1
TEMPERATURE DRY 53 WET 52 DEPTH 76

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.30	31.80	24.43	.580	0.05	.00	14
5	10.06	31.80	24.47	.582	0.12	.00	10
10	9.93	31.80	24.49	.575	0.08	.00	11
20	1.98	31.94	25.55	.540	1.25	.22	40
30	1.97	31.94	25.55	.539	1.20	.23	38
40	1.90	31.96	25.57	.536	1.28	.23	38
50	1.93	31.96	25.57	.541	1.28	.20	38
60		31.96	25.57	.536	1.28	.20	46
70	1.94	31.96	25.57	.535	1.28	.21	40

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.30	31.80	24.43	351.0	.000
10	9.93	31.80	24.49	345.4	.035
20	1.98	31.94	25.55	244.5	.064
30	1.97	31.94	25.55	244.5	.088
50	1.93	31.96	25.57	242.7	.137

STATION 51

56-58 N 163-33 W 24 JUL 1940 0140 GCT
WEATHER C BAR 30.03 WIND E 3 SEA WNW 1
TEMPERATURE DRY 55 WET 53 DEPTH 67

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.32	31.74	24.38	.597	0.0	.00	10
5	10.23	31.74	24.39	.600	0.0	.00	10
10	9.97	31.74	24.44	.591	0.0	.00	10
20	2.36	31.85	25.45	.576	1.05	.15	22
30	2.26	31.85	25.46	.579	1.12	.15	24
40	2.20	31.87	25.48	.570	1.15	.13	26
50	2.19	31.87	25.48	.568	1.12	.10	24
60	2.18	31.87	25.48	.568	1.15	.12	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.32	31.74	24.38	355.8	.000
10	9.97	31.74	24.44	350.4	.035
20	2.36	31.85	25.45	254.0	.065
30	2.26	31.85	25.46	253.3	.090
50	2.19	31.87	25.48	251.3	.140

STATION 52

57-16 N 163-50 W 24 JUL 1940 0455 GCT
WEATHER O BAR 30.02 WIND E 3 SEA NNW 1
TEMPERATURE DRY 53 WET 52 DEPTH 64

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.73	31.62	24.38	.598	0.07	.00	11
5	9.65	31.60	24.38	.595	0.05	.00	9
10	9.31	31.58	24.42	.575	0.05	.00	5
20	4.50	31.67	25.12	.537	0.90	.07	17
30	4.22	31.71	25.18	.537	0.90	.08	17
40	3.90	31.69	25.19	.539	1.00	.08	13
50	3.67	31.71	25.23	.540	1.00	.07	18
60	3.44	31.71	25.25	.536	1.00	.08	18

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.73	31.62	24.38	355.4	.000
10	9.31	31.58	24.42	352.2	.035
20	4.50	31.67	25.12	285.8	.067
30	4.22	31.71	25.18	280.2	.095
50	3.67	31.71	25.23	275.3	.151

STATION 53

57-34 N 164-06 W 24 JUL 1940 0812 GCT
WEATHER O Z BAR 30.04 WIND ENE 2 SEA WNW 1
TEMPERATURE DRY 49 WET 49 DEPTH 56

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.12	31.53	24.41	.588	0.15	.00	4
5	9.16	31.56	24.43	.528	0.10	.00	5
10	8.35	31.44	24.45	.497	0.10	.00	4
15	8.10	31.44	24.49	.586	0.26	.00	6
20	7.15	31.40	24.59	.577	0.28	.00	6
30	5.32	31.40	24.81	.574	0.40	.02	7
40	4.98	31.44	24.88	.568	0.70	.02	10
50	4.76	31.47	24.93	.568	0.65	.03	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.12	31.53	24.41	352.9	.000
10	8.35	31.44	24.45	348.7	.035
20	7.15	31.40	24.59	335.9	.069
30	5.32	31.40	24.81	314.6	.102
50	4.76	31.47	24.93	303.7	.164

STATION 54

57-52 N 164-21 W 24 JUL 1940 1106 GCT
WEATHER D BAR 30.06 WIND E 1 SEA WNW 1
TEMPERATURE DRY 48 WET 48 DEPTH 47

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.43	31.29	24.47	.597	0.12	.00	12
5	7.39	31.29	24.47	.599	0.25	.00	10
10	7.07	31.33	24.55	.588	0.25	.00	10
20	6.89	31.31	24.55	.580	0.30	.00	12
30	6.89	31.33	24.57	.578	0.30	.00	12
43	6.83	31.33	24.58	.575	0.38	.00	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	7.43	31.29	24.47	347.4	.000
10	7.07	31.33	24.55	340.0	.034
20	6.89	31.31	24.55	339.4	.068
30	6.89	31.33	24.57	338.0	.102

STATION 55

58-10 N 164-40 W 24 JUL 1940 1438 GCT
WEATHER D BAR 30.08 WIND E 1 SEA SSW 1
TEMPERATURE DRY 47 WET 47 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.79	31.33	24.45	.592	0.18	.00	2
5	7.77	31.33	24.45	.592	0.18	.00	2
10	7.54	31.35	24.50	.581	0.20	.00	2
20	6.29	31.42	24.72	.546	0.43	.02	10
30	6.30	31.44	24.73	.538	0.48	.03	12
40	6.26	31.44	24.74	.540	0.48	.02	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	7.79	31.33	24.45	349.2	.000
10	7.54	31.35	24.50	344.5	.035
20	6.29	31.42	24.72	323.9	.068
30	6.30	31.44	24.73	322.6	.100

STATION 56

58-29 N 164-57 W 24 JUL 1940 1738 GCT
WEATHER O D BAR 30.09 WIND ENE 2 SEA SW 1
TEMPERATURE DRY 48 WET 47 DEPTH 42

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.95	31.47	24.54	.571	0.30	.00	8
5	7.89	31.47	24.54	.554	0.28	.01	8
10	7.77	31.49	24.58	.555	0.28	.01	8
20	7.65	31.47	24.58	.563	0.30	.01	9
30	7.67	31.49	24.59	.560	0.30	.01	10
35	7.63	31.49	24.60	.561	0.32	.00	8

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.95	31.47	24.54	340.9	.000
10	7.77	31.49	24.58	337.1	.034
20	7.65	31.47	24.58	337.1	.068
30	7.67	31.49	24.59	336.0	.102

STATION 57

58-19 N 165-30 W 24 JUL 1940 2038 GCT
WEATHER O Z BAR 30.12 WIND ENE 2 SEA SSW 1
TEMPERATURE DRY 49 WET 48 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.84	31.33	24.44	.583	0.43	.00	5
5	7.79	31.33	24.45	.580	0.45	.00	3
10	7.28	31.35	24.53	.571	0.48	.00	5
20	7.12	31.36	24.56	.571	0.45	.00	5
30	7.15	31.36	24.56	.506	0.60	.00	8
40	7.11	31.36	24.56	.560	0.55	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.84	31.33	24.44	349.8	.000
10	7.28	31.35	24.53	341.2	.035
20	7.12	31.36	24.56	338.5	.069
30	7.15	31.36	24.56	339.0	.103

STATION 58

58-10 N 166-04 W 24 JUL 1940 2347 GCT
WEATHER C BAR 30.12 WIND WNW 2 SEA SSW 1
TEMPERATURE DRY 49 WET 48 DEPTH 50

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.74	31.27	24.41	.601	0.33	.00	7
5	7.66	31.29	24.44	.598		.00	5
10	7.34	31.31	24.49	.607		.00	5
20	5.24	31.33	24.77	.613		.00	10
30	4.53	31.35	24.86	.619		.00	10
40	4.47	31.35	24.86	.623		.00	10
45	4.50	31.35	24.86	.622		.00	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	7.74	31.27	24.41	353.0	.000
10	7.34	31.31	24.49	344.9	.035
20	5.24	31.33	24.77	318.9	.068
30	4.53	31.35	24.86	310.3	.099

STATION 59

57-58 N 166-44 W 25 JUL 1940 0302 GCT
WEATHER BC Z BAR 30.16 WIND NNW 1 SEA W 1
TEMPERATURE DRY 52 WET 50 DEPTH 63

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.93	31.35	24.30	.587	0.28	.00	3
5	7.98	31.31	24.41	.592	0.22	.00	2
10	7.66	31.33	24.47	.590	0.25	.00	2
20	7.61	31.36	24.50	.586	0.48	.00	2
30	2.34	31.36	25.06	.674	0.76	.00	4
40	2.27	31.33	25.04	.674	0.75	.00	3
50	2.30	31.35	25.05	.672	0.80	.00	4
55	2.31	31.35	25.05	.672	0.78	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	8.93	31.35	24.30	363.5	.000
10	7.66	31.33	24.47	347.6	.036
20	7.61	31.36	24.50	344.8	.071
30	2.34	31.36	25.06	291.0	.103
50	2.30	31.35	25.05	291.5	.161

STATION 60.

57-50 N 167-10 W 25 JUL 1940 0550 GCT
WEATHER C BAR 30.18 WIND WNW 1 SEA W 1
TEMPERATURE DRY 49 WET 48 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.83	31.44	24.23	.591	0.34	.00	1
5	7.83	31.40	24.50	.596	0.33	.00	1
10	7.45	31.38	24.53	.606	0.35	.00	1
20	7.29	31.42	24.59	.608	0.37	.00	2
30	1.09	31.44	25.21	.617	0.95	.01	18
40	1.00	31.44	25.21	.618	1.00	.00	23
50	1.01	31.46	25.23	.618	1.10	.02	14
64	1.00	31.44	25.21	.619	1.05	.02	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.83	31.44	24.23	370.3	.000
10	7.45	31.38	24.53	341.1	.036
20	7.29	31.42	24.59	336.2	.070
30	1.09	31.44	25.21	277.0	.101
50	1.01	31.46	25.23	275.0	.156

STATION 61

57-40 N 167-44 W 25 JUL 1940 0910 GCT
WEATHER O F BAR 30.21 WIND SW 3 SEA W 1
TEMPERATURE DRY 47 WET 47 DEPTH 70

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.14	31.46	24.50	.606	0.37	.00	3
5	7.91	31.44	24.52	.600	0.35	.00	3
10	7.30	31.44	24.60	.615	0.40	.00	2
20	7.05	31.44	24.64	.603	0.38	.00	3
30	0.93	31.46	25.23	.613	1.10	.03	9
40	0.91	31.47	25.24	.604	1.15	.02	9
50	0.91	31.51	25.27	.604	1.15	.01	11
65	0.91	31.51	25.27	.604	1.20	.01	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.14	31.46	24.50	344.2	.000
10	7.30	31.44	24.60	334.7	.034
20	7.05	31.44	24.64	331.6	.067
30	0.93	31.46	25.23	274.7	.097
50	0.91	31.51	25.27	270.7	.152

STATION 62

57-22 N 167-27 W 25 JUL 1940 1222 GCT
WEATHER C BAR 30.23 WIND CALM SEA CALM
TEMPERATURE DRY 48 WET 48 DEPTH 74

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.79	31.51	24.44	.591	0.05	.00	6
5	8.62	31.49	24.45	.593	0.12	.00	5
10	7.68	31.49	24.59	.605	0.12	.00	2
20	7.26	31.49	24.65	.583	0.15	.00	4
30	1.36	31.69	25.39	.578	0.90	.10	20
40	0.97	31.69	25.41	.569	0.95	.10	20
50	0.97	31.69	25.41	.569	1.00	.10	20
60	0.96	31.73	25.45	.571	1.02	.11	20
70	0.97	31.67	25.40	.566	1.05	.12	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.79	31.51	24.44	349.6	.000
10	7.68	31.49	24.59	335.9	.034
20	7.26	31.49	24.65	330.6	.067
30	1.36	31.69	25.39	259.6	.097
50	0.97	31.69	25.41	257.3	.149

STATION 63

57-04 N 167-12 W 25 JUL 1940 1528 GCT
WEATHER C E Z BAR 30.23 WIND S 1 SEA W 1
TEMPERATURE DRY 47 WET 47 DEPTH 75

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.73	31.51	24.45	.575	0.02	.00	2
5	8.49	31.51	24.49	.579	0.05	.00	3
10	8.16	31.51	24.54	.580	0.02	.00	2
20	7.60	31.55	24.65	.571	0.10	.01	3
30	0.96	31.78	25.49	.555	1.05	.19	24
40	0.91	31.76	25.47	.554	1.20	.12	22
50	0.92	31.78	25.49	.554	1.20	.13	22
60	0.91	31.78	25.49	.554	1.20	.14	24
70	0.92	31.78	25.49	.555	1.20	.14	22

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.73	31.51	24.45	348.8	.000
10	8.16	31.51	24.54	340.9	.034
20	7.60	31.55	24.65	330.5	.068
30	0.96	31.78	25.49	250.4	.097
50	0.92	31.78	25.49	250.2	.147

STATION 64

56-46 N 166-55 W 25 JUL 1940 1855 GCT
WEATHER C Z BAR 30.21 WIND SSE 2 SEA W 1
TEMPERATURE DRY 48 WET 47 DEPTH 85

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.71	31.62	24.54	.579	0.08	.00	2
5	8.65	31.64	24.57	.581	0.12	.00	2
10	8.28	31.64	24.62	.573	0.08	.00	2
20	8.23	31.67	24.65	.587	0.10	.00	2
30	4.90	31.74	25.13	.571	0.57	.00	3
40	1.51	31.74	25.42	.493	1.60	.03	2
50	1.53	32.07	25.68	.491	1.90	.03	3
60	1.54	32.01	25.63	.496	2.05	.04	3
70	1.55	32.03	25.65	.484	2.05	.02	2
80	1.54	32.05	25.67	.485	2.05	.01	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^3\delta$	ΔD
0	8.71	31.62	24.54	340.3	.000
10	8.28	31.64	24.62	332.9	.034
20	8.23	31.67	24.65	330.1	.067
30	4.90	31.74	25.13	284.7	.098
50	1.53	32.07	25.68	231.7	.150
75	1.54	32.04	25.66	234.0	.208

STATION 65

56-28 N 166-42 W 25 JUL 1940 2157 GCT
WEATHER O BAR 30.17 WIND ESE 4 SEA SE 1
TEMPERATURE DRY 49 WET 48 DEPTH 103

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.43	31.80	24.57	.567	0.08	.00	2
5	9.38	31.80	24.58	.566	0.08	.00	2
10	9.38	31.80	24.58	.563	0.10	.00	2
20	9.20	31.83	24.63	.570	0.10	.00	9
30	9.13	31.83	24.64	.567	0.12	.00	4
40	5.37	31.85	25.16	.638	0.60	.03	6
50	2.35	32.00	25.57	.528	1.25	.08	28
65	1.91	32.14	25.71	.469	1.60	.06	36
75	1.92	32.14	25.71	.465	1.69	.05	36
80	1.92	32.14	25.71	.464	1.73	.05	36
97	1.92	32.14	25.71	.465	1.80	.04	36

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.43	31.80	24.57	337.5	.000
10	9.38	31.80	24.58	336.9	.034
20	9.20	31.83	24.63	332.2	.067
30	9.13	31.83	24.64	331.3	.100
50	2.35	32.00	25.57	242.6	.157
75	1.92	32.14	25.71	229.0	.216

STATION 66

56-10 N 166-26 W 26 JUL 1940 0145 GCT
WEATHER D BAR 30.08 WIND E 5 SEA SW 1
TEMPERATURE DRY 48 WET 48 DEPTH 116

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.66	31.91	24.62	.574	0.15		9
5	9.61	31.91	24.63	.578	0.15		9
10	9.61	31.92	24.64	.583	0.12		8
20	9.24	31.92	24.69	.578	0.18		9
30	9.05	31.94	24.74	.567	0.18		10
40	5.54	32.16	25.39	.569	1.05		24
50	5.00	32.21	25.49	.547	1.33		24
70	3.96	32.36	25.72	.454	1.35		40
90	3.79	32.38	25.75	.437	1.75		40
110	3.79	32.27	25.66	.524	1.35		38

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.66	31.91	24.62	332.9	.000
10	9.61	31.92	24.64	331.5	.033
20	9.24	31.92	24.69	326.1	.066
30	9.05	31.94	24.74	321.9	.098
50	5.00	32.21	25.49	250.6	.155
75	3.89	32.36	25.72	228.4	.215
100	3.77	32.34	25.72	228.9	.272

STATION 67

55-52 N 166-09 W 26 JUL 1940 0445 GCT
WEATHER O Z BAR 30.02 WIND E 5 SEA ESE 1
TEMPERATURE DRY 49 WET 49 DEPTH 127

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.45	31.92	24.66	.573	0.36	.00	10
5	9.42	31.94	24.68	.578	0.36	.00	6
10	9.41	31.94	24.68	.574	0.34	.00	5
25	9.05	32.01	24.79	.570	0.46	.00	8
40	6.09	32.10	25.28	.567	0.98	.26	18
55	5.57	32.25	25.46	.552	1.36	.30	22
70	5.74	32.47	25.61	.522	1.39	.19	26
85	4.89	32.63	25.83	.467	2.00	.11	45
100	4.63	32.66	25.89	.421	2.00	.10	45
123	4.59	32.88	26.06	.417	2.10	.13	46

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\,\delta$	ΔD
0	9.45	31.92	24.66	328.9	.000
10	9.41	31.94	24.68	327.0	.033
20	9.24	31.99	24.75	320.9	.065
30	8.20	32.03	24.94	303.0	.096
50	5.70	32.19	25.39	259.7	.152
75	5.50	32.52	25.68	233.0	.214
100	4.63	32.66	25.89	213.3	.270

STATION 68

55-34 N 165-53 W 26 JUL 1940 0854 GCT
WEATHER O M BAR 29.95 WIND E 4 SEA SE 1
TEMPERATURE DRY 49 WET 48 DEPTH 123

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.61	31.87	24.60	.574	0.36	.00	2
10	9.55	31.87	24.61	.574	0.40	.00	3
20	8.89	31.89	24.73	.561	0.40	.00	3
30	8.44	31.94	24.83	.557	0.52	.02	10
40	6.83	32.07	25.16	.553	0.88	.23	15
50	5.79	32.18	25.38	.545	1.16	.16	19
65	5.65	32.23	25.43	.546	1.24	.22	20
80	5.33	32.32	25.54	.518	1.44	.18	22
95	4.71	32.61	25.84	.422	1.72	.05	41
118	4.69	32.61	25.84	.417	1.74	.07	40

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.61	31.87	24.60	335.1	.000
10	9.55	31.87	24.61	334.3	.033
20	8.89	31.89	24.73	323.1	.066
30	8.44	31.94	24.83	313.1	.098
50	5.79	32.18	25.38	261.5	.155
75	5.45	32.29	25.50	249.6	.219
100	4.70	32.61	25.84	217.8	.277

STATION 69

55-15 N 165-40 W 26 JUL 1940 1305 GCT
WEATHER D BAR 29.93 WIND SSW 4 SEA SW 1
TEMPERATURE DRY 50 WET 50 DEPTH 120

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.48	31.92	24.66	.582	0.10	.00	3
5	9.38	31.92	24.67	.584	0.10	.00	6
10	9.35	31.92	24.68	.586	0.15	.00	2
15	4.80	32.70	25.90	.419	1.60	.21	42
20	8.77	32.00	24.83	.586	0.30	.04	16
30	8.17	32.09	24.99	.553	0.70	.15	20
40	7.81	32.10	25.05	.551	0.78	.19	28
50	7.22	32.16	25.18	.545	0.80	.22	23
70	6.16	32.29	25.42	.542	1.00	.33	26
90	5.19	32.68	25.84	.440	1.55	.22	46

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\,\delta$	ΔD
0	9.48	31.92	24.66	329.4	.000
10	9.35	31.92	24.68	327.6	.033
20	8.77	32.00	24.83	313.2	.065
30	8.17	32.09	24.99	298.1	.096
50	7.22	32.16	25.18	280.4	.154
75	5.93	32.39	25.52	247.6	.220

STATION 70

54-59 N 165-24 W 26 JUL 1940 1615 GCT
WEATHER O E Z BAR 29.97 WIND SW 4 SEA SW 1
TEMPERATURE DRY 48 WET 48 DEPTH 122

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.56	32.25	25.06	.575	0.63	.17	26
5	8.57	32.25	25.06	.578	0.65	.17	26
10	8.50	32.27	25.08	.581	0.62	.17	25
20	7.84	32.36	25.25	.583	0.75	.18	26
30	7.58	32.36	25.29	.555	0.80	.25	27
40	7.43	32.38	25.32	.549	0.90	.23	26
50	7.21	32.45	25.41	.525	0.90	.19	26
70	6.31	32.59	25.63	.512	1.18	.35	29
90	5.23	32.84	25.96	.454	1.75	.37	36
115	4.85	32.99	26.12	.544	1.80	.35	46

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.56	32.25	25.06	291.3	.000
10	8.50	32.27	25.08	289.1	.029
20	7.84	32.36	25.25	273.3	.057
30	7.58	32.36	25.29	270.0	.084
50	7.21	32.45	25.41	258.7	.137
75	6.01	32.64	25.71	229.9	.198
100	5.04	32.92	26.05	198.1	.252

STATION 71

54-42 N 165-07 W 26 JUL 1940 1940 GCT
WEATHER O M Q BAR 30.02 WIND SW 3 SEA SW 1
TEMPERATURE DRY 49 WET 49 DEPTH 83

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.39	31.73	24.68	.532	0.72	.11	12
10	8.34	31.76	24.71	.532	0.76	.09	9
15	8.28	31.80	24.75	.528	0.75	.07	11
20	8.19	31.83	24.78	.528	0.75	.16	13
30	8.03	31.92	24.88	.530	0.78	.18	15
40	7.88	31.98	24.94	.532	0.80	.17	17
50	7.71	32.00	24.98	.519	0.90	.14	19
60	7.53	32.12	25.10	.519	0.94	.14	24
70	7.26	32.25	25.24	.518	1.06	.16	25
79	7.09	32.29	25.30	.509	1.14	.12	27

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.39	31.73	24.68	327.6	.000
10	8.34	31.76	24.71	324.8	.033
20	8.19	31.83	24.78	317.6	.065
30	8.03	31.92	24.88	308.9	.096
50	7.71	32.00	24.98	298.8	.157
75	7.17	32.27	25.27	271.9	.228

STATION 72

56-26 N 160-08 W 01 AUG 1940 0551 GCT
WEATHER C Z BAR 29.89 WIND SW 4 SEA WSW 4
TEMPERATURE DRY 54 WET 51 DEPTH 19

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.13	30.37	23.18	.502	0.60	.00	18
5	11.06	30.37	23.19	.518	0.60	.00	13
10	11.09	30.37	23.19	.522	0.60	.00	10
15	11.10	30.39	23.20	.524	0.60	.00	17

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.13	30.37	23.18	470.4	.000
10	11.09	30.37	23.19	469.9	.047

STATION 73

56-34 N 160-16 W 01 AUG 1940 0750 GCT
WEATHER C BAR 29.88 WIND SW 2 SEA WSW 1
TEMPERATURE DRY 50 WET 49 DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.00	31.27	24.07	.574	0.38	.00	2
5	9.96	31.27	24.07	.575	0.37	.00	4
10	9.96	31.29	24.09	.574	0.38	.00	1
15	9.85	31.36	24.16	.578	0.40	.00	2
25	9.84	31.42	24.21	.574	0.35	.00	3
35	9.80	31.44	24.23	.572	0.36	.00	

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.00	31.27	24.07	385.6	.000
10	9.96	31.29	24.09	383.6	.038
20	9.85	31.39	24.18	374.7	.076
30	9.82	31.43	24.22	371.4	.113

STATION 74

56-43 N 160-24 W 01 AUG 1940 0948 GCT
WEATHER C BAR 29.86 WIND CALM SEA WSW 1
TEMPERATURE DRY 52 WET 50 DEPTH 63

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.15	31.64	24.16	.554	0.07	.00	2
10	11.11	31.64	24.17	.556	0.08	.00	2
20	11.07	31.64	24.17	.536	0.35	.00	3
30	4.65	31.67	25.10	.507	0.90	.19	14
40	4.60	31.86	25.26	.500	0.92	.19	16
50	4.52	31.76	25.18	.504	0.92	.16	14
59	4.50	31.76	25.19	.502	0.96	.13	14

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.15	31.64	24.16	376.8	.000
10	11.11	31.64	24.17	376.3	.038
20	11.07	31.64	24.17	375.9	.076
30	4.65	31.67	25.10	287.4	.109
50	4.52	31.76	25.18	279.5	.166

STATION 75

56-53 N 160-30 W 01 AUG 1940 1221 GCT
WEATHER C BAR 29.82 WIND CALM SEA WSW 2
TEMPERATURE DRY 52 WET 51 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.24	31.69	24.18	.560	0.00	.00	2
10	10.98	31.73	24.26	.572	0.00	.00	2
20	9.39	31.73	24.52	.555	0.22	.00	4
25	3.91	31.83	25.30	.538	1.00	.13	20
30	3.96	31.82	25.29	.546	0.95	.12	11
40	3.89	31.82	25.29	.544	0.95	.10	12
50	3.89	31.85	25.32	.543	0.93	.10	16
64	3.89	31.85	25.32	.548	0.90	.10	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.24	31.69	24.18	374.6	.000
10	10.98	31.73	24.26	367.5	.037
20	9.39	31.73	24.52	342.4	.072
30	3.96	31.82	25.29	269.5	.103
50	3.89	31.85	25.32	266.7	.157

STATION 76

57-01 N 160-40 W 01 AUG 1940 1413 GCT
WEATHER C BAR 29.81 WIND SE 2 SEA WSW 2
TEMPERATURE DRY 53 WET 52 DEPTH 67

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.65	31.76	24.34	.596	0.00	.00	1
10	10.60	31.76	24.35	.599	0.00	.00	1
20	4.32	31.94	25.35	.586	1.00	.09	22
25	4.27	31.94	25.35	.583	0.98	.09	24
30	4.29	31.92	25.33	.579	0.98	.09	20
40	4.25	31.92	25.34	.580	1.00	.09	20
50	4.28	31.92	25.34	.581	0.95	.08	20
60	4.27	31.96	25.37	.580	0.95	.08	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.65	31.76	24.34	359.6	.000
10	10.60	31.76	24.35	359.0	.036
20	4.32	31.94	25.35	263.8	.067
30	4.29	31.92	25.33	265.0	.093
50	4.28	31.92	25.34	265.1	.146

STATION 77

57-10 N 160-48 W 01 AUG 1940 1635 GCT
WEATHER C Z BAR 29.78 WIND S 2 SEA WSW 2
TEMPERATURE DRY 53 WET 52 DEPTH 64

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.64	31.71	24.47	.622	0.00	.00	2
10	9.29	31.73	24.54	.625	0.00	.00	2
15	4.27	31.92	25.34	.583	0.95	.07	20
20	4.04	31.92	25.36	.590	0.90	.10	20
30	4.08	31.92	25.36	.587	0.90	.10	20
40	4.03	31.94	25.38	.577	0.89	.08	20
50	4.03	31.96	25.39	.585	0.90	.08	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.64	31.71	24.47	347.4	.000
10	9.29	31.73	24.54	340.8	.034
20	4.04	31.92	25.36	262.6	.064
30	4.08	31.92	25.36	263.1	.090
50	4.03	31.96	25.39	259.7	.142

STATION 78

57-19 N 160-55 W 01 AUG 1940 1838 GCT
WEATHER O Z BAR 29.77 WIND SE 3 SEA WSW 2
TEMPERATURE DRY 52 WET 50 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.93	31.73	24.44	.618	0.10	.00	6
10	9.57	31.73	24.49	.600	0.14	.00	4
15	4.39	31.91	25.32	.557	0.92	.04	22
20	4.31	32.94	26.14	.557	0.90	.08	28
30	4.36	32.94	26.14	.555	0.96	.07	23
40	4.30	32.92	26.13	.557	0.95	.07	23
50	4.32	32.94	26.14	.558	0.95	.06	24
60	4.30	31.91	25.33	.575	0.85	.06	23

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.93	31.73	24.44	350.4	.000
10	9.57	31.73	24.49	345.0	.035
20	4.31	32.94	26.14	188.4	.062
30	4.36	32.94	26.14	189.0	.081
50	4.32	32.94	26.14	188.7	.119

STATION 79

57-28 N 161-04 W 01 AUG 1940 2030 GCT
WEATHER O Z BAR 29.76 WIND SE 2 SEA WSW 2
TEMPERATURE DRY 52 WET 50 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.84	31.87	24.39	.543	0.04	.00	3
10	10.31	31.85	24.47	.596	0.05	.00	3
15	10.05	31.85	24.51	.576	0.16	.00	4
20	5.75	31.91	25.17	.540	0.53	.06	14
30	4.87	31.91	25.27	.553	0.86	.07	16
40	4.77	31.92	25.28	.549	0.84	.08	21
57	4.76	31.94	25.30	.551	0.84	.07	23

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.84	31.87	24.39	354.6	.000
10	10.31	31.85	24.47	347.7	.035
20	5.75	31.91	25.17	281.0	.066
30	4.87	31.91	25.27	271.6	.094
50	4.76	31.93	25.29	269.1	.148

STATION 80

57-37 N 161-11 W 01 AUG 1940 2308 GCT
WEATHER O Z BAR 29.75 WIND ESE 3 SEA WSW 2
TEMPERATURE DRY 53 WET 51 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.28	31.91	24.52	.686	0.05	.00	5
10	10.09	31.85	24.50	.605	0.00	.00	4
15	10.03	31.85	24.51	.586	0.00	.00	4
20	6.72	31.91	25.05	.512	0.40	.03	10
30	5.36	31.96	25.25	.510	0.58	.05	11
40	5.30	31.96	25.26	.508	0.65	.05	12
54	5.30	31.96	25.26	.508	0.68	.06	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.28	31.91	24.52	342.6	.000
10	10.09	31.85	24.50	344.2	.034
20	6.72	31.91	25.05	292.4	.066
30	5.36	31.96	25.25	273.0	.094
50	5.30	31.96	25.26	272.5	.149

STATION 81

57-46 N 161-20 W 02 AUG 1940 0050 GCT
WEATHER C BAR 29.73 WIND ESE 3 SEA WSW 1
TEMPERATURE DRY 53 WET 51 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.21	31.89	24.51	.610	0.05	.00	2
10	8.88	31.87	24.71	.591	0.10	.00	2
15	6.19	31.91	25.11	.544	0.50	.02	5
20	6.17	31.92	25.12	.542	0.52	.02	6
30	6.19	31.92	25.12	.535	0.70	.02	6
40	6.13	31.94	25.15	.536	0.60	.01	10
45	6.17	31.94	25.14	.527	0.63	.02	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.21	31.89	24.51	342.9	.000
10	8.88	31.87	24.71	324.3	.033
20	6.17	31.92	25.12	285.0	.063
30	6.19	31.92	25.12	285.4	.092

STATION 82

57-56 N 161-28 W 02 AUG 1940 0304 GCT
WEATHER C Z BAR 29.72 WIND ESE 2 SEA WSW 2
TEMPERATURE DRY 53 WET 51 DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.08	31.58	24.12	.623	0.32	.00	6
10	8.95	31.87	24.70	.588	0.25	.00	2
15	6.75	31.92	25.05	.517	0.33	.01	3
20	6.61	31.92	25.07	.512	0.48	.01	6
30	6.52	31.92	25.08	.510	0.50	.02	6
35	6.38	31.92	25.10	.493	0.50	.01	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.08	31.58	24.12	380.1	.000
10	8.95	31.87	24.70	325.3	.035
20	6.61	31.92	25.07	290.3	.066
30	6.52	31.92	25.08	289.3	.095

STATION 83

58-05 N 161-35 W 02 AUG 1940 0455 GCT
WEATHER O BAR 29.70 WIND E 3 SEA WSW 2
TEMPERATURE DRY 53 WET 52 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.97	30.30	22.98	.555	0.34	.00	5
5	11.68	30.37	23.08	.558	0.32	.00	5
10	7.83	31.74	24.76	.531	0.30	.00	6
15	7.61	31.78	24.83	.526	0.33	.01	8
20	7.60	31.78	24.83	.526	0.33	.00	9
30	7.49	31.82	24.87	.523	0.36	.00	8
39	7.49	31.83	24.88	.523	0.35	.00	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.97	30.30	22.98	489.8	.000
10	7.83	31.74	24.76	319.3	.040
20	7.60	31.78	24.83	313.4	.072
30	7.49	31.82	24.87	309.0	.103

STATION 84

58-14 N 161-43 W 02 AUG 1940 0646 GCT
WEATHER O BAR 29.77 WIND SE 3 SEA WSW 2
TEMPERATURE DRY 52 WET 50 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.73	30.07	22.84	.552	0.28	.00	4
5	11.69	30.08	22.86	.560	0.34	.00	5
10	8.96	30.95	23.98	.547	0.34	.00	7
20	8.13	31.44	24.49	.526	0.33	.01	7
34	8.12	31.47	24.51	.528	0.32	.02	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.73	30.07	22.84	502.7	.000
10	8.96	30.95	23.98	393.9	.045
20	8.13	31.44	24.49	345.8	.082
30	8.12	31.46	24.50	344.3	.117

STATION 85

58-23 N 161-52 W 02 AUG 1940 0850 GCT
WEATHER O BAR 29.68 WIND ENE 3 SEA SW 1
TEMPERATURE DRY 53 WET 51 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.92	30.12	22.84	.548	0.32	.00	4
5	11.67	30.16	22.92	.551	0.30	.00	4
10	8.24	31.20	24.28	.528	0.34	.00	4
20	8.16	31.27	24.35	.525	0.35	.00	4
30	7.92	31.36	24.45	.527	0.35	.01	4
39	7.90	31.44	24.52	.527	0.35	.01	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.92	30.12	22.84	502.2	.000
10	8.24	31.20	24.28	365.1	.043
20	8.16	31.27	24.35	358.9	.079
30	7.92	31.36	24.45	349.1	.114

STATION 86

58-31 N 162-00 W 02 AUG 1940 1050 GCT
WEATHER O BAR 29.68 WIND ESE 3 SEA SW 1
TEMPERATURE DRY 54 WET 52 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.34	30.39	23.16	.543	0.42	.00	4
5	11.28	30.37	23.15	.533	0.38	.00	2
10	11.14	30.44	23.23	.536	0.36	.00	2
20	10.53	30.55	23.42	.520	0.40	.00	3
35	8.70	31.04	24.09	.505	0.39	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.34	30.39	23.16	472.4	.000
10	11.14	30.44	23.23	465.6	.047
20	10.53	30.55	23.42	447.7	.093
30	9.32	30.78	23.79	412.1	.136

STATION 87

58-27 N 161-35 W 02 AUG 1940 1548 GCT
WEATHER C Z BAR 29.64 WIND ENE 4 SEA SW 2
TEMPERATURE DRY 54 WET 52 DEPTH 27

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.97	30.55	23.51	.531	0.30	.03	11
10	9.95	30.55	23.52	.529	0.30	.02	10
15	9.95	30.55	23.52	.530	0.30	.02	8
20	9.97	30.59	23.54	.528	0.40	.03	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.97	30.55	23.51	438.5	.000
10	9.95	30.55	23.52	438.4	.044
20	9.97	30.59	23.54	435.9	.088

STATION 88

58-17 N 161-27 W 02 AUG 1940 1736 GCT
WEATHER C Z BAR 29.64 WIND E 6 SEA E 3
TEMPERATURE DRY 55 WET 53 DEPTH 36

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.02	30.21	23.07	.557	0.20	.00	4
10	10.95	30.59	23.38	.554	0.20	.00	4
15	8.95	30.59	23.70	.557	0.20	.01	7
20	8.92	30.61	23.72	.524	0.30	.01	7
30	8.95	30.61	23.72	.528	0.30	.02	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.02	30.21	23.07	480.4	.000
10	10.95	30.59	23.38	451.3	.047
20	8.92	30.61	23.72	418.7	.091
30	8.95	30.61	23.72	419.3	.133

STATION 89

58-09 N 161-20 W 02 AUG 1940 1915 GCT
WEATHER C BAR 29.62 WIND E 4 SEA E 4
TEMPERATURE DRY 55 WET 53 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.79	30.25	22.97	.555	0.73	.00	10
10	11.73	30.25	22.98	.546	0.73	.00	2
15	9.79	31.26	24.09	.550	0.44	.00	2
20	8.23	31.62	24.61	.518	0.73	.00	20
30	8.17	31.64	24.64	.523	0.56	.00	3
40	8.12	31.65	24.65	.517	0.60	.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.79	30.25	22.97	490.4	.000
10	11.73	30.25	22.98	489.5	.049
20	8.23	31.62	24.61	333.8	.090
30	8.17	31.64	24.64	331.6	.123

STATION 90

58-00 N 161-11 W 02 AUG 1940 2124 GCT
WEATHER BC BAR 29.63 WIND E 6 SEA E 4
TEMPERATURE DRY 56 WET 54 DEPTH 47

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.64	31.42	24.08	.589	0.24	.00	0
10	9.60	31.58	24.37	.567	0.32	.00	2
15	7.41	31.91	24.96	.523	0.48	.00	2
20	7.40	31.91	24.96	.524	0.46	.00	3
30	7.38	31.91	24.96	.523	0.44	.00	3
42	7.31	31.91	24.97	.521	0.43	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.64	31.42	24.08	384.6	.000
10	9.60	31.58	24.37	356.6	.037
20	7.40	31.91	24.96	301.0	.070
30	7.38	31.91	24.96	300.9	.100

STATION 91

57-50 N 161-04 W 02 AUG 1940 2347 GCT
WEATHER C BAR 29.60 WIND E 6 SEA E 6
TEMPERATURE DRY 56 WET 54 DEPTH 46

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.99	31.85	24.52	.613	0.05	.00	4
10	9.93	31.85	24.53	.612	0.05	.00	5
15	8.68	31.87	24.74	.578	0.08	.00	4
20	6.75	31.92	25.05	.523	0.37	.00	9
30	6.72	31.92	25.06	.523	0.33	.00	12
42	6.67	31.92	25.06	.520	0.37	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.99	31.85	24.52	342.4	.000
10	9.93	31.85	24.53	341.7	.034
20	6.75	31.92	25.05	292.0	.066
30	6.72	31.92	25.06	291.8	.095

STATION 92

57-42 N 160-55 W 03 AUG 1940 0158 GCT
WEATHER O D BAR 29.56 WIND E 6 SEA E 6
TEMPERATURE DRY 56 WET 55 DEPTH 53

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.53	31.87	24.44	.611	0.00	.00	4
10	10.49	31.92	24.49	.616	0.00	.00	4
15	10.49	31.89	24.47	.507	0.00	.00	4
20	10.54	31.87	24.44	.532	0.00	.00	5
30	6.08	31.91	25.13	.513	0.45	.00	10
40	5.61	31.94	25.21	.615	0.68	.04	12
48	5.61	31.94	25.21	.507	0.63	.04	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.53	31.87	24.44	349.6	.000
10	10.49	31.92	24.49	345.4	.035
20	10.54	31.87	24.44	350.1	.070
30	6.08	31.91	25.13	284.8	.102

STATION 93

57-33 N 160-46 W 03 AUG 1940 0414 GCT
WEATHER O P BAR 29.51 WIND E 7 SEA E 7
TEMPERATURE DRY 52 WET 52 DEPTH 59

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.43	31.85	24.45	.617			
10	10.42	31.83	24.43	.616			
15	10.13	31.83	24.48	.609			
20	5.65	31.85	25.13	.527			
30	5.42	31.87	25.17	.526			
40	5.21	31.92	25.24	.518			
50	5.21	31.92	25.24	.517			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.43	31.85	24.45	349.4	.000
10	10.42	31.83	24.43	350.9	.035
20	5.65	31.85	25.13	284.3	.067
30	5.42	31.87	25.17	280.4	.095
50	5.21	31.92	25.24	274.6	.150

STATION 94

57-23 N 160-43 W 03 AUG 1940 0732 GCT
WEATHER BC BAR 29.46 WIND ENE 2 SEA ENE 4
TEMPERATURE DRY 52 WET 51 DEPTH 66

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.06	31.62	24.49	.584	0.05	.00	2
10	8.92	31.64	24.53	.586	0.10	.00	1
15	8.81	31.65	24.55	.586	0.08	.00	2
20	6.35	31.82	25.02	.568	0.50	.00	12
30	4.77	31.94	25.30	.551	0.65	.00	19
40	4.72	31.94	25.31	.550	0.70	.00	17
50	4.73	31.92	25.29	.553	0.70	.00	18
60	4.70	31.94	25.31	.546	0.75	.00	18

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.06	31.62	24.49	345.4	.000
10	8.92	31.64	24.53	342.0	.034
20	6.35	31.82	25.02	294.7	.066
30	4.77	31.94	25.30	268.3	.094
50	4.73	31.92	25.29	269.5	.148

STATION 95

57-12 N 160-33 W 03 AUG 1940 2300 GCT
WEATHER BC BAR 29.48 WIND ENE 2 SEA ENE 3
TEMPERATURE DRY 52 WET 51 DEPTH 66

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.32	31.76	24.39	.577	0.00	.02	2
10	9.90	31.78	24.48	.576	0.05	.00	2
15	9.85	31.78	24.49	.570	0.05	.00	3
20	5.49	31.91	25.20	.567	0.78	.07	20
25	4.45	31.96	25.35	.562	0.65	.07	20
30	4.39	31.96	25.36	.559	0.80	.06	17
45	4.39	31.94	25.34	.559	0.78	.06	23
60	4.34	31.94	25.35	.558	0.80	.08	24

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.32	31.76	24.39	354.3	.000
10	9.90	31.78	24.48	346.4	.035
20	5.49	31.91	25.20	278.1	.066
30	4.39	31.96	25.36	263.0	.093
50	4.37	31.94	25.34	264.5	.146

STATION 96

57-03 N 160-25 W 04 AUG 1940 0018 GCT
WEATHER C BAR 29.48 WIND ENE 2 SEA ENE 3
TEMPERATURE DRY 53 WET 51 DEPTH 66

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.09	31.76	24.26	.561	0.00	.00	2
10	10.62	31.76	24.34	.563	0.00	.00	2
15	10.29	31.76	24.40	.564	0.03	.00	3
20	4.51	31.89	25.29	.571	0.80	.09	23
30	4.34	31.94	25.35	.570	0.82	.09	25
40	4.29	31.92	25.33	.569	0.90	.09	25
50	4.30	31.92	25.33	.568	0.85	.09	26
60	4.29	31.91	25.33	.570	0.80	.09	25

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	11.09	31.76	24.26	366.9	.000
10	10.62	31.76	24.34	359.3	.036
20	4.51	31.89	25.29	269.4	.067
30	4.34	31.94	25.35	264.0	.094
50	4.30	31.92	25.33	265.3	.147

STATION 97

56-54 N 160-17 W 04 AUG 1940 0226 GCT
WEATHER C BAR 29.47 WIND ENE 3 SEA ENE 1
TEMPERATURE DRY 54 WET 52 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.20	31.64	24.15	.539	0.00	.00	1
10	11.08	31.67	24.19	.540	0.00	.00	1
15	10.83	31.67	24.24	.537	0.00	.00	1
20	4.44	31.83	25.25	.540	0.63	.11	16
30		31.85	25.28	.538	0.70	.11	10
40	4.15	31.85	25.29	.546	0.70	.09	11
50	4.17	31.85	25.29	.546	0.70	.09	12
60	4.15	32.00	25.41	.548	0.70	.10	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	11.20	31.64	24.15	377.6	.000
10	11.08	31.67	24.19	373.6	.038
20	4.44	31.83	25.25	273.2	.070
30	4.23	31.85	25.28	269.7	.097
50	4.17	31.85	25.29	269.3	.151

STATION 98

56-47 N 160-04 W 04 AUG 1940 0433 GCT
WEATHER C BAR 29.48 WIND E 2 SEA ENE 1
TEMPERATURE DRY 54 WET 52 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.54	31.36	23.87	.552	0.34	.00	0
10	11.02	31.51	24.08	.555	0.34	.00	0
15	10.95	31.51	24.09	.555	0.24	.00	2
20	10.89	31.55	24.13	.549	0.32	.00	3
30	4.94	31.78	25.16	.529	0.92	.07	10
40	4.54	31.82	25.23	.536		.08	11
55	4.47	31.82	25.24	.537	0.86	.08	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	11.54	31.36	23.87	404.1	.000
10	11.02	31.51	24.08	384.4	.039
20	10.89	31.55	24.13	379.5	.077
30	4.94	31.78	25.16	282.1	.110
50	4.48	31.82	25.24	274.6	.166

STATION 99

56-38 N 159-56 W 04 AUG 1940 0635 GCT
WEATHER C BAR 29.51 WIND E 2 SEA ENE 1
TEMPERATURE DRY 54 WET 52 DEPTH 47

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.90	31.06	23.75	.562	0.46	.00	2
10	10.18	31.27	24.04	.561	0.44	.00	2
15	10.09	31.27	24.05	.566	0.44	.00	2
20	10.08	31.29	24.07	.555	0.50	.00	3
25	9.47	31.44	24.28	.535	0.56	.00	2
30	8.59	31.53	24.49	.513	0.82	.02	4
42		31.53	24.55	.512	0.86	.02	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	10.90	31.06	23.75	415.5	.000
10	10.18	31.27	24.04	388.6	.040
20	10.08	31.29	24.07	385.7	.079
30	8.59	31.53	24.49	345.7	.116

STATION 100

56-42 N 159-27 W 04 AUG 1940 1019 GCT
WEATHER BC BAR 29.53 WIND E 2 SEA ENE 1
TEMPERATURE DRY 52 WET 51 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.94	31.18	23.84	.563	0.36	.00	1
10	10.49	31.20	23.93	.561	0.33	.00	1
20	8.74	31.53	24.47	.514	0.54	.02	3
27	8.75	31.53	24.47	.512	0.54	.02	3
35	8.76	31.55	24.48	.512	0.48	.02	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	△D
0	10.94	31.18	23.84	407.3	.000
10	10.49	31.20	23.93	398.7	.040
20	8.74	31.53	24.47	347.7	.077
30	8.75	31.54	24.47	347.3	.112

STATION 101

56-53 N 159-36 W 04 AUG 1940 1107 GCT
WEATHER C BAR 29.56 WIND ENE 1 SEA 0
TEMPERATURE DRY 51 WET 51 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.04	31.47	24.05	.559	0.18	.00	1
10	10.69	31.67	24.26	.558	0.18	.00	0
15	9.80	31.65	24.40	.547	0.23	.00	2
20	6.80	31.67	24.85	.505	0.58	.03	9
35	6.73	31.67	24.86	.501	0.58	.01	9
53	6.66	31.67	24.87	.502	0.62	.01	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	△D
0	11.04	31.47	24.05	387.5	.000
10	10.69	31.67	24.26	367.1	.038
20	6.80	31.67	24.85	311.3	.072
30	6.75	31.67	24.86	310.8	.103
50	6.67	31.67	24.87	310.1	.165

STATION 102

57-03 N 159-45 W 04 AUG 1940 1300 GCT
WEATHER BC Z BAR 29.58 WIND ENE 1 SEA E 1
TEMPERATURE DRY 52 WET 51 DEPTH 62

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.69	31.71	24.29	.554	0.00	.00	1
10	10.40	31.69	24.33	.552	0.12	.00	2
15	10.02	31.69	24.39	.560	0.12	.00	1
20	6.69	31.74	24.92	.549	0.43	.04	10
30	5.38	31.80	25.12	.562	0.60	.05	13
40	5.29	31.80	25.13	.560	0.68	.05	12
55	5.30	31.80	25.13	.559	0.70	.07	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.69	31.71	24.29	364.0	.000
10	10.40	31.69	24.33	361.0	.036
20	6.69	31.74	24.92	304.7	.069
30	5.38	31.80	25.12	285.2	.098
50	5.28	31.80	25.13	284.3	.155

STATION 103

57-14 N 159-55 W 04 AUG 1940 1501 GCT
WEATHER BC BAR 29.61 WIND CALM SEA E 1
TEMPERATURE DRY 52 WET 51 DEPTH 61

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.10	31.67	24.36	.572	0.10	.00	0
10	9.37	31.65	24.46	.583	0.15	.00	0
15	7.75	31.65	24.70	.564	0.40	.01	1
20	6.29	31.73	24.96	.551	0.65	.05	10
30	5.91	31.76	25.03	.547	0.70	.08	12
40	5.87	31.74	25.02	.548	0.65	.05	12
55	5.88	31.74	25.02	.543	0.75	.06	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.10	31.67	24.36	357.5	.000
10	9.37	31.65	24.46	347.9	.035
20	6.29	31.73	24.96	300.7	.067
30	5.91	31.76	25.03	294.1	.097
50	5.87	31.74	25.02	295.3	.156

STATION 104

57-24 N 160-04 W 04 AUG 1940 1657 GCT
WEATHER C BAR 29.65 WIND W 1 SEA E 1
TEMPERATURE DRY 53 WET 52 DEPTH 60

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.80	31.53	24.30	.581	0.18	.00	1
10	9.38	31.51	24.35	.599	0.18	.00	1
15	9.36	31.51	24.36	.603	0.15	.00	1
20	9.38	31.51	24.35	.598	0.15	.00	4
30	7.15	31.65	24.79	.551	0.43	.03	10
40	7.03	31.73	24.87	.509	0.60	.00	11
55	5.97	31.74	25.01	.537	0.65	.06	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.80	31.53	24.30	363.2	.000
10	9.38	31.51	24.35	358.5	.036
20	9.38	31.51	24.35	358.6	.072
30	7.15	31.65	24.79	317.3	.106
50	6.44	31.75	24.96	301.3	.168

STATION 105

57-35 N 160-13 W 04 AUG 1940 1850 GCT
WEATHER C BAR 29.67 WIND SW 1 SEA E 1
TEMPERATURE DRY 52 WET 51 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.03	31.49	24.23	.597	0.15	.00	1
10	9.29	31.49	24.35	.594	0.15	.00	1
20	7.08	31.67	24.81	.535	0.30	.02	8
25	7.11	31.67	24.81	.533	0.55	.01	8
30	7.11	31.67	24.81	.533	0.55	.02	8
40	7.05	31.69	24.83	.529	0.58	.02	8
52	7.05	31.69	24.83	.616	0.60	.02	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.03	31.49	24.23	369.7	.000
10	9.29	31.49	24.35	358.6	.036
20	7.08	31.67	24.81	314.8	.070
30	7.11	31.67	24.81	315.3	.102
50	7.04	31.69	24.83	313.2	.165

STATION 106

57-45 N 160-22 W 04 AUG 1940 2235 GCT
WEATHER BC BAR 29.71 WIND SW 1 SEA WSW 1
TEMPERATURE DRY 53 WET 52 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.72	31.62	24.38	.616	0.10	.00	2
10	8.91	31.62	24.51	.604	0.23	.01	1
15	8.90	31.65	24.54	.586	0.25	.00	2
20	8.79	31.62	24.53	.578	0.25	.00	3
25	7.16	31.80	24.90	.527	0.62	.03	16
40	7.10	31.80	24.91	.526	0.70	.03	18
52	7.10	31.80	24.91	.525	0.75	.03	17

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.72	31.62	24.38	355.3	.000
10	8.91	31.62	24.51	343.3	.035
20	8.79	31.62	24.53	341.7	.069
30	7.13	31.80	24.91	305.9	.101
50	7.10	31.80	24.91	305.7	.162

STATION 107

57-50 N 160-23 W 04 AUG 1940 2340 GCT
WEATHER BC BAR 29.71 WIND WSW 1 SEA SW 1
TEMPERATURE DRY 53 WET 52 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.18	31.73	24.39	.615	0.10	.00	1
10	9.17	31.73	24.56	.612	0.12	.00	1
20	8.72	31.74	24.63	.572	0.23	.00	2
25	7.25	31.80	24.89	.527	0.45	.03	12
30	7.14	31.80	24.91	.525	0.50	.03	12
40	7.08	31.80	24.91	.523	0.50	.03	13
50	7.05	31.82	24.93	.513	0.55	.03	13

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.18	31.73	24.39	354.3	.000
10	9.17	31.73	24.56	339.0	.035
20	8.72	31.74	24.63	331.8	.069
30	7.14	31.80	24.91	306.0	.101
50	7.05	31.82	24.93	303.6	.162

STATION 108

57-58 N 160-30 W 05 AUG 1940 0201 GCT
WEATHER F BAR 29.74 WIND WNW 3 SEA SW 1
TEMPERATURE DRY 51 WET 51 DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.38	31.53	24.03	.612	0.18	.00	2
10	9.27	31.74	24.55	.604	0.25	.01	2
20	7.39	31.85	24.91	.511	0.42	.01	4
25	7.38	31.87	24.93	.508	0.40	.02	7
30	7.39	31.89	24.94	.508	0.45	.02	7
45	7.32	31.89	24.95	.499	0.45	.01	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.38	31.53	24.03	388.8	.000
10	9.27	31.74	24.55	339.7	.036
20	7.39	31.85	24.91	305.4	.068
30	7.39	31.89	24.94	302.5	.098

STATION 109

58-08 N 160-39 W 05 AUG 1940 0333 GCT
WEATHER F BAR 29.74 WIND W 4 SEA W 2
TEMPERATURE DRY 52 WET 52 DEPTH 44

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.49	30.91	23.53	.615		.00	8
5	11.45	30.91	23.54	.640		.00	8
10	11.35	30.91	23.56	.637		.00	12
20	7.85	31.83	24.83	.531		.00	10
30	7.80	31.85	24.85	.530		.00	11
37	7.79	31.85	24.86	.506		.00	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.49	30.91	23.53	436.5	.000
10	11.35	30.91	23.56	434.3	.044
20	7.85	31.83	24.83	313.0	.081
30	7.80	31.85	24.85	310.9	.112

STATION 110

58-18 N 160-48 W 05 AUG 1940 0600 GCT
WEATHER BC Z BAR 29.75 WIND WNW 5 SEA W 1
TEMPERATURE DRY 53 WET 52 DEPTH 36

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.99	30.66	23.25	.553		.00	9
10	11.83	30.68	23.29	.547		.00	7
15	10.10	31.06	23.89	.523		.00	12
20	9.54	31.20	24.09	.509		.01	13
32	9.40	31.26	24.16	.506		.02	14

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.99	30.66	23.25	463.6	.000
10	11.83	30.68	23.29	459.5	.046
20	9.54	31.20	24.09	384.0	.088
30	9.31	31.28	24.18	374.8	.126

STATION 111

58-26 N 160-55 W 05 AUG 1940 0758 GCT
WEATHER O Z BAR 29.78 WIND WNW 4 SEA W 1
TEMPERATURE DRY 55 WET 53 DEPTH 25

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	13.55	29.72	22.23	.525		.00	6
10	13.09	29.81	22.39	.510		.01	6
15	12.90	29.87	22.47	.508		.01	7
21	12.21	29.88	22.61	.510		.01	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	13.55	29.72	22.23	561.1	.000
10	13.09	29.81	22.39	546.1	.055
20	12.36	29.88	22.58	528.0	.109

STATION 112

58-21 N 160-30 W 05 AUG 1940 0949 GCT
WEATHER C BAR 29.78 WIND WNW 4 SEA W 1
TEMPERATURE DRY 55 WET 54 DEPTH 18

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.99	30.57	23.18	.516		.00	8
7	11.97	30.57	23.18	.517		.00	6
15	11.96	30.57	23.19	.514		.00	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.99	30.57	23.18	470.2	.000
10	11.96	30.57	23.19	469.9	.047

STATION 113

58-12 N 160-22 W 05 AUG 1940 1140 GCT
WEATHER O BAR 29.75 WIND WNW 3 SEA W 1
TEMPERATURE DRY 56 WET DEPTH 41

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.73	30.77	23.38	.565	0.05	.00	0
10	11.60	30.84	23.46	.580	0.02	.00	0
15	9.53	31.35	24.20	.544	0.20	.00	2
20	8.35	31.67	24.63	.512	0.20	.02	3
30	8.36	31.67	24.63	.511	0.43	.02	4
37	8.32	31.67	24.64	.512	0.40	.02	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.73	30.77	23.38	450.9	.000
10	11.60	30.84	23.46	443.7	.045
20	8.35	31.67	24.63	331.8	.084
30	8.36	31.67	24.63	332.0	.117

STATION 114

58-03 N 160-14 W 05 AUG 1940 1338 GCT
WEATHER C BAR 29.74 WIND SW 4 SEA WNW 3
TEMPERATURE DRY 50 WET 50 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.69	30.70	23.33	.506	0.17	.00	1
10	11.59	30.70	23.35	.570	0.17	.01	1
15	8.50	31.71	24.64	.506	0.10	.01	2
20	8.21	31.82	24.77	.510	0.22	.02	3
30	8.18	31.83	24.78	.502	0.20	.02	3
45	8.14	31.85	24.81	.510	0.40	.02	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.69	30.70	23.33	455.4	.000
10	11.59	30.70	23.35	453.9	.045
20	8.21	31.82	24.77	318.7	.084
30	8.18	31.83	24.78	317.6	.116

STATION 115

57-54 N 160-06 W 05 AUG 1940 1537 GCT
WEATHER C Z BAR 29.72 WIND SW 6 SEA WNW 4
TEMPERATURE DRY 50 WET 50 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.94	31.27	23.91	.626	0.08	.00	2
10	10.93	31.29	23.93	.630	0.08	.01	2
15	8.59	31.74	24.65	.526	0.18	.01	8
20	8.31	31.83	24.77	.496	0.20	.02	10
30	8.32	31.83	24.76	.492	0.20	.03	10
45	8.21	31.85	24.80	.544	0.20	.02	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.94	31.27	23.91	400.7	.000
10	10.93	31.29	23.93	399.2	.040
20	8.31	31.83	24.77	319.3	.076
30	8.32	31.83	24.76	319.6	.108

STATION 116

57-45 N 159-58 W 05 AUG 1940 1727 GCT
WEATHER O Z BAR 29.67 WIND SW 6 SEA WNW 4
TEMPERATURE DRY 50 WET 50 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.68	31.69	24.45	.610	0.10	.00	1
10	9.59	31.71	24.48	.626	0.10	.00	1
15	8.94	31.78	24.63	.566	0.15	.01	8
20	8.68	31.80	24.69	.543	0.18	.01	10
30	8.61	31.83	24.72	.537	0.25	.02	10
45	8.52	31.83	24.73	.535	0.42	.02	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.68	31.69	24.45	349.5	.000
10	9.59	31.71	24.48	346.8	.035
20	8.68	31.80	24.69	326.8	.069
30	8.61	31.83	24.72	323.7	.102

STATION 117

57-36 N 159-50 W 05 AUG 1940 1940 GCT
WEATHER O Z BAR 29.54 WIND SSE 4 SEA SW 4
TEMPERATURE DRY 51 WET 50 DEPTH 55

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.91	31.65	24.38	.591	0.28	.00	4
10	8.63	31.76	24.66	.540	0.31	.01	4
15	8.59	31.78	24.68	.553	0.40	.01	5
20	8.61	31.80	24.70	.554	0.39	.01	5
35	8.60	31.80	24.70	.551	0.40	.01	5
50	8.56	31.80	24.71	.548	0.40	.01	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.91	31.65	24.38	356.0	.000
10	8.63	31.76	24.66	328.9	.034
20	8.61	31.80	24.70	325.8	.067
30	8.61	31.80	24.70	325.9	.100
50	8.56	31.80	24.71	325.5	.165

STATION 118

57-27 N 159-42 W 05 AUG 1940 2153 GCT
WEATHER O R Z BAR 29.49 WIND SSE 4 SEA SW 4
TEMPERATURE DRY 52 WET 52 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.40	31.51	24.19	.564	0.24	.00	1
5	10.39	31.51	24.19	.562	0.21	.00	2
10	8.83	31.60	24.51	.563	0.28	.00	3
15	7.70	31.64	24.70	.542	0.44	.02	6
25	7.68	31.65	24.71	.540	0.44	.02	6
40	7.67	31.67	24.73	.541	0.46	.01	6
53	7.68	31.67	24.73	.533	0.46	.02	6

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.40	31.51	24.19	374.1	.000
10	8.83	31.60	24.51	343.7	.036
20	7.69	31.64	24.71	325.0	.069
30	7.67	31.66	24.72	323.4	.101
50	7.68	31.67	24.73	323.0	.166

STATION 119

57-18 N 159-34 W 05 AUG 1940 2337 GCT
WEATHER R BAR 29.42 WIND S 6 SEA SW 4
TEMPERATURE DRY 52 WET 51 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.43	31.49	24.17	.632	0.16	.01	0
10	10.41	31.53	24.20	.559	0.20	.01	0
15	9.60	31.60	24.39	.555	0.18	.00	0
20	9.37	31.64	24.46	.541	0.20	.00	1
30	6.93	31.69	24.85	.526	0.58	.08	12
40	6.83	31.69	24.86	.527	0.60	.08	13
50	6.81	31.74	24.90	.529	0.70	.08	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.43	31.49	24.17	376.1	.000
10	10.41	31.53	24.20	373.0	.037
20	9.37	31.64	24.46	348.8	.073
30	6.93	31.69	24.85	311.6	.106
50	6.81	31.74	24.90	306.6	.168

STATION 120

57-09 N 159-26 W 06 AUG 1940 0145 GCT
WEATHER R BAR 29.35 WIND SSE 6 SEA SW 5
TEMPERATURE DRY 52 WET 52 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.73	31.56	24.17	.543	0.03	.00	1
10	10.71	31.62	24.22	.547	0.03	.00	1
15	10.69	31.62	24.22	.528	0.10	.00	2
20	10.38	31.64	24.29	.538	0.10	.00	2
30	7.46	31.65	24.75	.536	0.40	.04	10
40	7.35	31.65	24.76	.522	0.40	.03	11
50	7.30	31.65	24.77	.544	0.35	.03	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.73	31.56	24.17	375.8	.000
10	10.71	31.62	24.22	371.2	.037
20	10.38	31.64	24.29	364.5	.074
30	7.46	31.65	24.75	321.3	.108
50	7.30	31.65	24.77	319.5	.172

STATION 121

57-00 N 159-18 W 06 AUG 1940 0353 GCT
WEATHER C BAR 29.30 WIND WSW 7 SEA SW 6
TEMPERATURE DRY 52 WET 52 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.60	31.27	23.97	.535	0.28	.00	5
10	10.57	31.33	24.02	.541	0.28	.00	3
15	10.50	31.33	24.03	.535	0.28	.01	4
20	10.49	31.33	24.03	.533	0.28	.02	4
30	10.17	31.46	24.19	.511	0.36	.02	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.60	31.27	23.97	395.1	.000
10	10.57	31.33	24.02	390.3	.039
20	10.49	31.33	24.03	389.3	.078
30	10.17	31.46	24.19	374.7	.116

STATION 122

56-52 N 159-10 W 06 AUG 1940 0538 GCT
WEATHER C BAR 29.33 WIND WSW 7 SEA SW 6
TEMPERATURE DRY 52 WET 52 DEPTH 28

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.83	31.20	23.87	.543	0.26	.00	1
10	10.81	31.20	23.88	.538	0.26	.00	2
20	10.82	31.24	23.91	.538	0.32	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	△D
0	10.83	31.20	23.87	404.0	.000
10	10.81	31.20	23.88	403.9	.040
20	10.82	31.24	23.91	401.3	.080

STATION 123

57-13 N 158-30 W 08 AUG 1940 1734 GCT
WEATHER O BAR 29.66 WIND NW 4 SEA WNW 5
TEMPERATURE DRY 50 WET 48 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.20	31.04	23.69	.523	0.57	.00	10
12	11.20	31.06	23.70	.522	0.68	.01	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	△D
0	11.20	31.04	23.69	421.5	.000

STATION 124

57-40 N 158-52 W 08 AUG 1940 2137 GCT
WEATHER C Q BAR 29.55 WIND WNW 5 SEA W 4
TEMPERATURE DRY 49 WET 48 DEPTH 49

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.01	31.64	24.51	.572	0.40	.00	9
10	8.98	31.64	24.52	.573	0.50	.00	2
20	8.99	31.65	24.52	.572	0.43	.00	2
30	9.00	31.65	24.52	.572	0.35	.00	1
45	9.04	31.65	24.52	.570	0.42	.00	1

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	9.01	31.64	24.51	343.1	.000
10	8.98	31.64	24.52	342.9	.034
20	8.99	31.65	24.52	342.4	.068
30	9.00	31.65	24.52	342.7	.102

STATION 125

58-06 N 159-19 W 09 AUG 1940 0223 GCT
WEATHER C BAR 29.44 WIND NNW 4 SEA W 3
TEMPERATURE DRY 50 WET 48 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.98	31.17	23.99	.578	0.45	.00	1
10	9.78	31.17	24.02	.578	0.40	.00	1
15	9.72	31.18	24.04	.569	0.48	.00	3
20	9.69	31.18	24.05	.562	0.43	.01	3
35	9.71	31.20	24.06	.556	0.45	.01	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	9.98	31.17	23.99	392.7	.000
10	9.78	31.17	24.02	389.8	.039
20	9.69	31.18	24.05	387.8	.078
30	9.68	31.19	24.06	387.1	.117

STATION 126

54-05 N 166-22 W 16 AUG 1940 0230 GCT
WEATHER C BAR 29.69 WIND WNW 3 SEA WNW 1
TEMPERATURE DRY 52 WET 51 DEPTH 79

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.94	32.32	25.20	.553	0.64	.12	20
5	7.92	32.29	25.18	.508	0.66	.12	20
10	7.92	32.30	25.19	.553	0.64	.12	20
15	7.94	32.30	25.19	.553	0.64	.13	22
20	7.95	32.30	25.19	.548	0.65	.15	24
30	7.85	32.32	25.22	.543	0.64	.15	23
45	7.81	32.34	25.24	.541	0.66	.12	22
60	7.62	32.41	25.32	.533	0.67	.10	25
74	6.33	32.75	25.76	.466	0.98	.10	32

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.94	32.32	25.20	277.4	.000
10	7.92	32.30	25.19	278.8	.028
20	7.95	32.30	25.19	279.3	.056
30	7.85	32.32	25.22	276.6	.084
50	7.88	32.33	25.22	276.6	.139

STATION 127

54-07 N 166-16 W 16 AUG 1940 0358 GCT
WEATHER O Z BAR 29.71 WIND WNW 4 SEA WNW 5
TEMPERATURE DRY 47 WET 47 DEPTH 87

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.78	32.32	25.23	.540	0.62	.14	20
10	7.76	32.34	25.24	.540	0.64	.15	20
20	7.77	32.34	25.24	.540	0.68	.15	22
30	7.78	32.34	25.24	.540	0.68	.10	23
60	7.77	32.36	25.26	.538	0.74	.08	24
80	7.72	32.38	25.28	.538	0.72	.08	25

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.78	32.32	25.23	275.2	.000
10	7.76	32.34	25.24	273.6	.027
20	7.77	32.34	25.24	273.9	.054
30	7.78	32.34	25.24	274.2	.081
50	7.78	32.35	25.25	273.7	.136
75	7.74	32.37	25.27	272.0	.204

STATION 128

54-10 N 166-10 W 16 AUG 1940 0529 GCT
WEATHER O BAR 29.71 WIND WNW 6 SEA WNW 5
TEMPERATURE DRY 47 WET 47 DEPTH 93

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.90	32.32	25.21	.551	0.66	.10	20
10	7.89	32.32	25.21	.550	0.66	.12	20
20	7.92	32.32	25.21	.551	0.66	.12	19
30	7.93	32.32	25.20	.549	0.65	.15	20
60	7.93	32.32	25.20	.550	0.65	.15	20
85	7.69	32.36	25.27	.599	0.68	.12	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.90	32.32	25.21	276.9	.000
10	7.89	32.32	25.21	276.9	.028
20	7.92	32.32	25.21	277.4	.056
30	7.93	32.32	25.20	277.7	.084
50	7.96	32.31	25.19	279.2	.140
75	7.81	32.34	25.24	275.2	.209

STATION 129

54-14 N 166-03 W 16 AUG 1940 0730 GCT
WEATHER O BAR 29.71 WIND W 5 SEA W 4
TEMPERATURE DRY 47 WET 47 DEPTH 105

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.96	32.36	25.23	.557	0.68	.13	20
8	7.91	32.36	25.24	.559	0.64	.12	20
23	7.92	32.39	25.26	.548	0.66	.15	18
48	7.93	32.45	25.31	.560	0.66	.12	27
73	7.73	32.57	25.43	.560	0.66	.13	18
90	7.44	32.59	25.48	.543	0.70	.15	20
96	7.28						

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.96	32.36	25.23	274.7	.000
10	7.91	32.36	25.24	274.1	.027
20	7.92	32.38	25.25	273.0	.054
30	7.94	32.40	25.27	271.9	.081
50	7.92	32.46	25.32	267.4	.135
75	7.71	32.57	25.43	255.8	.161

STATION 130

54-16 N 165-55 W 16 AUG 1940 0914 GCT
WEATHER O M BAR 29.71 WIND W 5 SEA W 4
TEMPERATURE DRY 47 WET 47 DEPTH 102

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.09	32.50	25.32	.576	0.77	.11	20
10	8.05	32.48	25.31	.573	0.80	.14	20
25	8.16	32.52	25.33	.575	0.80	.12	20
50	7.82	32.52	25.38	.564	0.98	.12	20
75	7.59	32.63	25.50	.565	1.00	.13	20
95	6.98	32.63	25.58	.535	1.05	.12	25

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.09	32.50	25.32	266.1	.000
10	8.05	32.48	25.31	267.1	.027
20	8.15	32.51	25.32	266.5	.054
30	8.08	32.51	25.33	265.6	.081
50	7.82	32.52	25.38	261.6	.134
75	7.59	32.63	25.50	250.7	.198

STATION 131

54-17 N 165-49 W 16 AUG 1940 1048 GCT
WEATHER O M BAR 29.69 WIND W 5 SEA W 4
TEMPERATURE DRY 47 WET 47 DEPTH 92

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.87	32.32	25.21	.558	1.00	.12	25
10	7.85	32.34	25.23	.545	1.02	.14	20
25	7.80	32.38	25.27	.542	1.00	.15	22
50	7.70	32.43	25.32	.543	1.00	.12	20
70	7.56	32.47	25.37	.521	1.00	.12	24
85	7.45	32.50	25.41	.519	1.35	.13	26

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.87	32.32	25.21	276.4	.000
10	7.85	32.34	25.23	274.8	.028
20	7.82	32.37	25.26	272.3	.055
30	7.79	32.39	25.28	270.6	.082
50	7.70	32.43	25.32	266.7	.136
75	7.52	32.48	25.39	260.9	.202

STATION 132

54-19 N 165-40 W 16 AUG 1940 1230 GCT
WEATHER C P BAR 29.66 WIND W 4 SEA W 4
TEMPERATURE DRY 47 WET 47 DEPTH 90

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.89	32.41	25.28	.564	0.92	.12	18
10	7.87	32.41	25.28	.562	0.92	.12	18
20	7.89	32.43	25.30	.564	0.95	.11	17
40	7.94	32.45	25.30	.567	0.95	.10	16
60	7.94	32.50	25.34	.575	0.95	.12	16
84	7.51	32.57	25.46	.545	0.93	.11	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	7.89	32.41	25.28	270.0	.000
10	7.87	32.41	25.28	269.9	.027
20	7.89	32.43	25.30	268.8	.054
30	7.92	32.44	25.30	268.6	.081
50	7.98	32.47	25.31	267.5	.135
75	7.73	32.54	25.40	259.2	.201

STATION 133

54-20 N 165-32 W 16 AUG 1940 1420 GCT
WEATHER O D BAR 29.63 WIND WSW 4 SEA W 4
TEMPERATURE DRY 47 WET 47 DEPTH 127

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.25	32.38	25.20	.565	1.02	.09	18
10	8.23	32.36	25.19	.558	0.92	.10	18
40	7.61	32.57	25.45	.536	1.05	.12	20
65	7.32	32.57	25.49	.525	1.10	.10	25
90	7.18	32.57	25.50	.518	1.10	.10	26
112	7.05						

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.25	32.38	25.20	277.2	.000
10	8.23	32.36	25.19	278.6	.028
20	7.99	32.46	25.31	268.0	.055
30	7.78	32.53	25.39	260.0	.081
50	7.48	32.57	25.46	253.3	.132
75	7.26	32.57	25.49	250.1	.157

STATION 134

54-21 N 165-28 W 16 AUG 1940 1612 GCT
WEATHER O D BAR 29.62 WIND W 4 SEA W 4
TEMPERATURE DRY 48 WET 47 DEPTH 115

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.11	32.30	25.16	.542	0.93	.10	20
20	7.81	32.38	25.27	.539	0.97	.12	22
40	7.58	32.45	25.36	.537	1.08	.12	26
60	7.00	32.61	25.56	.509	1.15	.13	31
80	6.72	32.68	25.65	.495	1.30	.12	31
100	6.55	32.68	25.67	.489	1.33	.12	32

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.11	32.30	25.16	281.2	.000
10	7.95	32.34	25.22	276.2	.028
20	7.81	32.38	25.27	271.4	.055
30	7.74	32.40	25.29	269.1	.082
50	7.25	32.54	25.47	252.5	.134
75	6.78	32.67	25.64	237.1	.195
100	6.55	32.68	25.67	233.7	.254

STATION 135

54-24 N 165-22 W 16 AUG 1940 1752 GCT
WEATHER O BAR 29.60 WIND NW 3 SEA SW 2
TEMPERATURE DRY 48 WET 48 DEPTH 166

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.46	32.30	25.11	.578	0.84	.28	20
30	8.17	32.38	25.22	.552	0.83	.25	19
60	7.82	32.45	25.32	.543	0.96	.30	20
90	6.72	32.61	25.60	.497		.01	20
120	6.39	32.70	25.71	.484	1.30	.30	30
150	5.97	32.88	25.91	.463	1.30	.20	32

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.46	32.30	25.11	286.1	.000
10	8.37	32.33	25.15	282.8	.028
20	8.27	32.35	25.18	280.0	.056
30	8.17	32.38	25.22	276.6	.084
50	8.02	32.42	25.27	271.8	.139
75	7.17	32.54	25.48	251.8	.204
100	6.62	32.63	25.63	238.3	.265
150	5.97	32.88	25.91	212.3	.378

STATION 136

54-26 N 165-07 W 16 AUG 1940 2055 GCT
WEATHER C D Z BAR 29.56 WIND S 2 SEA WSW 1
TEMPERATURE DRY 48 WET 48 DEPTH 119

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.40	31.85	24.77	.553	0.68	.29	15
15	7.94	32.05	24.99	.539	0.84	.38	20
35	7.96	32.10	25.03	.538	0.74	.36	20
55	7.97	32.10	25.03	.538	0.78	.41	20
75	7.58	32.29	25.23	.523	0.87	.58	22
105	6.26	32.61	25.66	.474	1.35	.60	30

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.40	31.85	24.77	318.8	.000
10	8.05	32.00	24.94	302.9	.031
20	7.95	32.07	25.01	296.5	.061
30	7.96	32.09	25.02	295.2	.091
50	8.00	32.08	25.01	296.8	.150
75	7.58	32.29	25.23	275.8	.222
100	6.54	32.55	25.57	243.3	.287

STATION 137

54-28 N 165-02 W 16 AUG 1940 2127 GCT
WEATHER C D Z BAR 29.56 WIND S 2 SEA WSW 1
TEMPERATURE DRY 48 WET 48 DEPTH 79

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.36	31.74	24.69	.534	0.66	.21	13
10	8.30	31.76	24.71	.533	0.65	.20	13
25	8.11	31.83	24.79	.528	0.78	.24	19
40	8.11	31.83	24.79	.523	0.78	.24	20
55	8.06	31.87	24.83	.522	0.82	.25	20
70	7.88	31.98	24.94	.521	0.82	.24	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.36	31.74	24.69	326.4	.000
10	8.30	31.76	24.71	324.2	.033
20	8.15	31.81	24.77	318.6	.065
30	8.12	31.83	24.79	316.8	.097
50	8.09	31.85	24.81	315.2	.160

STATION 138

54-28 N 164-56 W 16 AUG 1940 2300 GCT
WEATHER O C BAR 29.52 WIND WSW 1 SEA WSW 1
TEMPERATURE DRY 48 WET 48 DEPTH 76

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.29	31.78	24.73	.541	0.66	.22	13
10	8.24	31.78	24.74	.530	0.78	.22	20
25	8.25	31.76	24.72	.531	0.76	.23	20
40	8.23	31.78	24.74	.521	0.75	.22	21
55	8.20	31.78	24.74	.522	0.78	.22	16
70	8.14	31.83	24.79	.516	0.78	.21	21

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.29	31.78	24.73	322.4	.000
10	8.24	31.78	24.74	321.9	.032
20	8.25	31.76	24.72	323.7	.064
30	8.24	31.77	24.73	322.9	.096
50	8.21	31.77	24.73	322.8	.161

STATION 139

54-22 N 165-05 W 17 AUG 1940 0120 GCT
WEATHER ORFQ BAR 29.49 WIND WSW 7 SEA WSW 5
TEMPERATURE DRY 49 WET 49 DEPTH 129

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	8.38	31.78	24.72	.538	0.78	.25	16
25	7.97	32.09	25.02	.521	1.00	.26	16
50	7.27	32.43	25.38	.517	1.21	.32	28
75	6.02	32.74	25.79	.473	1.62	.40	34
100	5.91	32.77	25.83	.462	1.65	.56	32
120	5.87	32.81	25.86	.464	1.63	.34	34

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	8.38	31.78	24.72	323.7	.000
10	8.25	31.90	24.83	313.1	.032
20	8.08	32.03	24.96	301.2	.063
30	7.87	32.16	25.09	288.8	.093
50	7.27	32.43	25.38	260.9	.148
75	6.02	32.74	25.79	222.5	.208
100	5.91	32.77	25.83	219.2	.263

STATION 140

54-16 N 165-16 W 17 AUG 1940 0340 GCT
WEATHER ORFQ BAR 29.47 WIND WSW 4 SEA WSW 1
TEMPERATURE DRY 49 WET 48 DEPTH 73

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.69	32.25	25.18	.533	1.15	.32	27
20	7.72	32.25	25.18	.529	1.06	.32	27
40	7.75	32.27	25.19	.533	1.18	.34	24
65	7.77	32.93	25.70	.539	1.08	.32	28

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.69	32.25	25.18	279.2	.000
10	7.70	32.25	25.18	279.5	.028
20	7.72	32.25	25.18	279.9	.056
30	7.74	32.20	25.14	284.0	.084
50	7.76	32.45	25.33	266.0	.139

STATION 141

54-05 N 165-39 W 17 AUG 1940 2023 GCT
WEATHER C BAR 29.59 WIND CALM SEA SW 1
TEMPERATURE DRY 50 WET 49 DEPTH 70

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.84	32.23	25.15	.547	0.88	.24	26
15	7.81	32.27	25.18	.554	0.88	.26	24
30	7.83	32.29	25.19	.548	0.84	.26	24
45	7.89	32.29	25.19	.552	0.94	.26	24
62	7.89	32.29	25.19	.547	0.94	.26	23

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.84	32.23	25.15	282.7	.000
10	7.81	32.26	25.17	280.2	.028
20	7.81	32.28	25.19	278.9	.056
30	7.83	32.29	25.19	278.6	.084
50	7.90	32.29	25.18	279.8	.140

STATION 142

54-01 N 165-58 W 17 AUG 1940 2235 GCT
WEATHER O F Q BAR 29.64 WIND W 4 SEA SW 1
TEMPERATURE DRY 48 WET 48 DEPTH 82

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.83	32.27	25.18	.549	1.00	.26	19
15	7.80	32.29	25.20	.545	0.97	.21	23
30	7.80	32.29	25.20	.545	0.90	.26	22
45	7.85	32.27	25.18	.542	0.94	.28	21
60	7.85	32.29	25.19	.549	0.93	.26	21
75	7.82	32.29	25.20	.542	0.90	.25	21

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.83	32.27	25.18	279.6	.000
10	7.81	32.29	25.20	278.0	.028
20	7.79	32.29	25.20	277.9	.056
30	7.80	32.29	25.20	278.2	.084
50	7.85	32.28	25.18	279.9	.140
75	7.82	32.29	25.20	279.1	.210

STATION 143

54-02 N 166-18 W 18 AUG 1940 0025 GCT
WEATHER O F Q BAR 29.68 WIND W 4 SEA W 5
TEMPERATURE DRY 48 WET 48 DEPTH 81

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	7.88	32.29	25.19	.558	1.03	.24	18
15	7.77	32.29	25.20	.547	1.04	.22	18
30	7.79	32.29	25.20	.557	1.13	.22	19
45	7.74	32.36	25.26	.544	1.30	.28	21
60	7.55	32.47	25.38	.544	1.20	.27	22
75	7.22	32.54	25.48	.526	1.30	.26	23

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	7.88	32.29	25.19	278.8	.000
10	7.79	32.29	25.20	277.7	.028
20	7.78	32.28	25.19	278.5	.056
30	7.79	32.29	25.20	278.0	.084
50	7.69	32.40	25.30	268.8	.139
75	7.22	32.54	25.48	252.4	.204

STATION 144

54-23 N 164-42 W 23 AUG 1940 0518 GCT
WEATHER C BAR 29.46 WIND NNW 1 SEA ESE 2
TEMPERATURE DRY 60 WET 56 DEPTH 20

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.64	31.20	24.07		1.04	.12	5
5	9.61	31.20	24.08		0.98	.08	5
10	9.60	31.20	24.08	.533	0.85	.11	7
15	9.59	31.20	24.08	.539	0.82	.11	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.64	31.20	24.07	385.2	.000
10	9.60	31.20	24.08	384.8	.039

STATION 145

54-23 N 164-29 W 23 AUG 1940 0805 GCT
WEATHER C Z BAR 29.51 WIND NE 4 SEA ESE 1
TEMPERATURE DRY 59 WET 55 DEPTH 87

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.66	31.31	24.15	.556	0.62	.11	9
10	9.63	31.31	24.16	.553	0.55	.07	4
20	9.62	31.33	24.17	.555	0.58	.11	5
35	8.70	31.53	24.47	.518	0.96	.28	13
50	8.01	31.62	24.64	.497	1.14	.28	18
65	7.22	31.82	24.91	.491	1.20	.26	22
80	7.20	31.96	25.02	.478	1.25	.30	25

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.66	31.31	24.15	377.4	.000
10	9.63	31.31	24.16	377.1	.038
20	9.62	31.33	24.17	375.6	.076
30	8.98	31.48	24.39	355.1	.113
50	8.01	31.62	24.64	331.2	.182
75	7.12	31.92	25.00	297.4	.261

STATION 146

54-26 N 164-10 W 23 AUG 1940 1005 GCT
WEATHER C Z BAR 29.47 WIND N 5 SEA ESE 4
TEMPERATURE DRY 53 WET 53 DEPTH 115

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.09	31.47	24.21	.577	0.38	.00	0
10	10.03	31.51	24.25	.566	0.29	.00	1
25	9.48	31.69	24.45	.576	0.34	.02	2
40	8.35	31.78	24.72	.520	0.90	.28	12
55	7.46	31.91	24.95	.487	1.20	.26	20
70	6.86	32.14	25.21	.471	1.42	.32	25
80	6.70	32.32	25.37	.468	1.34	.32	27
100	6 45	32.39	25.46	.460	1.48	.36	28

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.09	31.47	24.21	372.2	.000
10	10.03	31.51	24.25	368.4	.037
20	9.73	31.64	24.40	354.3	.073
30	9.08	31.72	24.56	338.7	.108
50	7.72	31.86	24.87	309.4	.173
75	6.78	32.24	25.30	269.1	.245
100	6.45	32.39	25.46	254.1	.310

STATION 147

54-29 N 163-55 W 23 AUG 1940 1300 GCT
WEATHER C BAR 29.52 WIND NW 5 SEA SE 4
TEMPERATURE DRY 54 WET 53 DEPTH 80

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.15	31.47	24.20	.565	0.18	.00	1
10	10.15	31.51	24.23	.564	0.25	.00	1
25	9.52	31.56	24.37	.545	0.39	.11	11
45	7.77	31.89	24.89	.505	0.98	.38	24
65	7.04	32.14	25.19	.491	1.10	.29	28
75	6.74	32.29	25.34	.478	1.37	.44	32

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.15	31.47	24.20	373.1	.000
10	10.15	31.51	24.23	370.3	.037
20	9.80	31.52	24.29	364.3	.074
30	8.99	31.65	24.52	342.6	.109
50	7 57	31.95	24.97	300.7	.173
75	6.74	32.29	25.34	264.9	.244

STATION 148

54-32 N 163-39 W 23 AUG 1940 1507 GCT
WEATHER BC BAR 29.53 WIND CALM SEA SE 1
TEMPERATURE DRY 58 WET 54 DEPTH 111

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.98	31.51	24.26	.580	0.22	.00	1
20	10.01	31.51	24.25	.578	0.21	.00	1
40	8.87	31.60	24.50	.530	0.65	.23	13
60	7.81	31.67	24.71	.495	0.80	.37	21
90	7.58	31.76	24.81	.489	1.02	.32	24
105	6.75	31.89	25.03	.479	1.18	.32	26

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.98	31.51	24.26	367.5	.000
10	10.14	31.50	24.22	370.9	.037
20	10.01	31.51	24.25	368.3	.074
30	9.43	31.56	24.38	355.8	.110
50	8.25	31.64	24.63	333.0	.179
75	7.93	31.69	24.71	325.2	.261
100	7.08	31.84	24.95	303.1	.340

STATION 149

54-35 N 163-21 W 23 AUG 1940 1732 GCT
WEATHER BC BAR 29.57 WIND NNW 3 SEA N 2
TEMPERATURE DRY 55 WET 54 DEPTH 113

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.04	31.40	24.16	.561	0.42	.00	7
20	9.94	31.42	24.19	.556	0.56	.02	5
40	9.53	31.58	24.38	.554	0.63	.14	11
60	8.74	31.67	24.58	.518	1.00	.27	16
90	7.58	31.89	24.92	.488	1.00	.30	26
105	6.75	32.21	25.28	.457	1.42	.37	39

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.04	31.40	24.16	376.6	.000
10	10.03	31.39	24.16	377.3	.038
20	9.94	31.42	24.19	373.9	.076
30	9.78	31.51	24.29	364.9	.113
50	9.13	31.62	24.48	347.2	.184
75	8.24	31.71	24.68	328.1	.268
100	7.05	32.09	25.15	284.1	.345

STATION 150

54-37 N 163-05 W 23 AUG 1940 1905 GCT
WEATHER BC BAR 29.59 WIND NNW 3 SEA NW 2
TEMPERATURE DRY 55 WET 54 DEPTH 78

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.89	31.27	24.08	.543	0.57	.10	10
15	9.82	31.29	24.11	.539	0.43	.07	11
30	8.74	31.33	24.31	.499	0.86	.36	13
50	8.53	31.40	24.40	.491	0.97	.38	18
70	8.28	31.47	24.49	.482	1.02	.40	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.89	31.27	24.08	383.9	.000
10	9.96	31.28	24.08	384.4	.038
20	9.37	31.30	24.19	374.1	.076
30	8.74	31.33	24.31	362.7	.113
50	8.53	31.40	24.40	354.8	.185

STATION 151

54-44 N 162-52 W 23 AUG 1940 2210 GCT
WEATHER O Z BAR 29.64 WIND NW 4 SEA NW 2
TEMPERATURE DRY 54 WET 53 DEPTH 85

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	9.91	31.27	24.08	.565	0.41	.05	7
15	9.76	31.33	24.15	.561	0.45	.07	8
30	9.71	31.33	24.16	.557	0.45	.08	5
55	7.85			.503	0.97	.35	20
80	7.19			.472	1.22	.20	24

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	9.91	31.27	24.08	384.2	.000
10	9.80	31.32	24.14	378.9	.038
20	9.83	31.33	24.14	378.6	.076
30	9.71	31.33	24.16	376.7	.114
50	8.13				
75	7.23				

STATION 152

54-51 N 162-40 W 24 AUG 1940 0004 GCT
WEATHER C Z BAR 29.67 WIND NW 2 SEA NW 1
TEMPERATURE DRY 54 WET 53 DEPTH 40

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.46	31.08	23.84	.545	0.50	.01	6
10	10.09	31.11	23.93	.550	0.63	.05	5
20	9.86	31.17	24.01	.535	0.78	.15	11
35	9.77	31.17	24.03	.528	0.80	.17	11

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.46	31.08	23.84	406.9	.000
10	10.09	31.11	23.93	399.0	.040
20	9.86	31.17	24.01	391.2	.080
30	9.77	31.18	24.03	389.2	.119

STATION 153

54-58 N 162-27 W 24 AUG 1940 0156 GCT
WEATHER C Z BAR 29.68 WIND NW 4 SEA NW 1
TEMPERATURE DRY 57 WET 55 DEPTH 55

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.27	31.13	23.91	.303	0.43	.14	11
10	10.05	31.13	23.95	.536	0.50	.15	11
20	9.28	31.29	24.20	.507	0.75	.38	14
30	8.84	31.33	24.30	.479	0.96	.61	14
40	8.77	31.38	24.35	.468	0.98	.65	20
50	8.68	31.38	24.36	.464	1.00	.67	21

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.27	31.13	23.91	400.2	.000
10	10.05	31.13	23.95	396.9	.040
20	9.28	31.29	24.20	373.5	.079
30	8.84	31.33	24.30	364.2	.116
50	8.68	31.38	24.36	358.5	.188

STATION 154

55-00 N 162-18 W 24 AUG 1940 0318 GCT
WEATHER C Z BAR 29.68 WIND NW 4 SEA NW 1
TEMPERATURE DRY 57 WET 55 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.76	31.11	23.82	.571	0.52	.01	5
10	10.34	31.17	23.93	.570	0.63	.02	9
20	9.92	31.27	24.08	.551	0.42	.08	10
30	9.54	31.33	24.19	.531	0.76	.15	8
40	8.93	31.40	24.34	.486	0.83	.44	13
52	8.76	31.44	24.39	.477	1.00	.52	18

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	10.76	31.11	23.82	409.6	.000
10	10.34	31.17	23.93	398.5	.040
20	9.92	31.27	24.08	384.7	.079
30	9.54	31.33	24.19	374.6	.117
50	8.75	31.44	24.40	355.0	.190

STATION 155

55-01 N 162-08 W 24 AUG 1940 0440 GCT
WEATHER BC Z BAR 29.71 WIND NNW 3 SEA CALM
TEMPERATURE DRY 61 WET 57 DEPTH 95

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.74	31.17	23.87	.562	0.25	.02	12
15	10.22	31.17	23.95	.547	0.30	.02	8
30	10.09	31.17	23.97	.533	0.37	.07	10
50	9.87	31.22	24.05	.522	0.38	.12	13
70	8.88	31.40	24.34	.477	0.70	.42	21
90	8.23	31.51	24.53	.432	1.10	.63	34

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	10.74	31.17	23.87	404.8	.000
10	10.35	31.17	23.93	398.7	.040
20	10.18	31.17	23.96	396.2	.080
30	10.09	31.17	23.97	394.9	.120
50	9.87	31.22	24.05	388.1	.198
75	8.69	31.43	24.40	355.3	.291

STATION 156

55-02 N 161-56 W 24 AUG 1940 0640 GCT
WEATHER BC Z BAR 29.75 WIND NNW 2 SEA CALM
TEMPERATURE DRY 59 WET 56 DEPTH 17

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.37	30.72	23.58	.527	0.30	.01	11
7	10.04	30.95	23.81	.528	0.35	.02	10
14	10.17	31.08	23.89	.565	0.35	.02	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.37	30.72	23.58	432.2	.000
10	10.04	31.02	23.87	404.9	.042

STATION 157

55-05 N 161-55 W 24 AUG 1940 0830 GCT
WEATHER BC Z BAR 29.76 WIND WNW 2 SEA CALM
TEMPERATURE DRY 56 WET 55 DEPTH 53

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.19	30.75	23.63	.549	0.38	.02	12
15	9.87	30.99	23.87	.533	0.43	.03	12
30	9.66	31.04	23.94	.518	0.45	.08	18
47	9.42	31.09	24.02	.513	0.75	.23	19

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.19	30.75	23.63	427.1	.000
10	9.96	30.93	23.81	410.3	.042
20	9.80	31.01	23.90	402.1	.083
30	9.66	31.04	23.94	397.9	.123

STATION 158

55-08 N 161-55 W — 24 AUG 1940 — 0950 GCT
WEATHER BC Z — BAR 29.79 — WIND NW 2 — SEA CALM
TEMPERATURE — DRY 55 — WET 53 — DEPTH 44

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.74	29.81	22.81	.575	0.22	.00	14
10	10.41	30.72	23.57	.563	0.25	.00	6
25	10.17	30.95	23.79	.549	0.30	.01	8
38	9.84	31.02	23.90	.531	0.58	.13	12

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.74	29.81	22.81	505.5	.000
10	10.41	30.72	23.57	433.0	.047
20	10.27	30.89	23.73	418.3	.090
30	10.06	30.99	23.84	407.8	.131

STATION 159

55-12 N 161-54 W — 24 AUG 1940 — 1132 GCT
WEATHER BC Z — BAR 29.80 — WIND CALM — SEA CALM
TEMPERATURE — DRY 51 — WET 51 — DEPTH 115

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.86	28.75	21.97	.574	0.23	.00	22
10	10.17	30.75	23.63	.556	0.25	.00	1
25	10.22	30.88	23.73	.550	0.25	.00	5
50	8.40	31.27	24.31	.477	0.75	.29	19
75	7.42	31.42	24.57	.439	1.15	.25	27
110	6.74	31.47	24.70	.391	1.15	.39	34

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.86	28.75	21.97	586.1	.000
10	10.17	30.75	23.63	427.0	.051
20	10.30	30.83	23.68	423.3	.094
30	9.79	30.98	23.88	404.3	.135
50	8.40	31.27	24.31	362.7	.212
75	7.42	31.42	24.57	338.5	.300
100	6.85	31.47	24.68	327.8	.383

STATION 160

55-17 N 161-37 W 24 AUG 1940 1344 GCT
WEATHER BC Z BAR 29.79 WIND NE 1 SEA NE 1
TEMPERATURE DRY 51 WET 51 DEPTH 110

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.41	31.15	23.91	.579	0.30	.01	3
10	10.41	31.15	23.91	.579	0.33	.00	2
25	9.61	31.26	24.12	.565	0.38	.08	2
50	8.03	31.46	24.52	.491	1.00	.50	21
75	7.06	31.49	24.67	.448	1.10	.23	24
105		31.51		.302	1.60	.20	42

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.41	31.15	23.91	400.9	.000
10	10.41	31.15	23.91	401.1	.040
20	9.89	31.22	24.05	387.9	.079
30	9.25	31.31	24.22	371.7	.117
50	8.03	31.46	24.52	342.4	.189
75	7.06	31.49	24.67	328.1	.273

STATION 161

55-19 N 161-20 W 24 AUG 1940 1544 GCT
WEATHER BC BAR 29.79 WIND CALM SEA W 1
TEMPERATURE DRY 51 WET 51 DEPTH 66

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.61	31.49	24.14	.567	0.26	.09	12
10	10.59	31.51	24.16	.561	0.36	.10	11
25	10.10	31.51	24.24	.556	0.38	.15	12
40	9.58	31.53	24.34	.543	0.60	.22	12
60	9.19	31.58	24.44	.535	0.78	.29	14

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.61	31.49	24.14	379.0	.000
10	10.59	31.51	24.16	377.4	.038
20	10.27	31.51	24.21	372.4	.075
30	9.90	31.51	24.27	366.7	.112
50	9.34	31.55	24.39	355.5	.184

STATION 162

55-21 N 161-04 W 24 AUG 1940 1733 GCT
WEATHER C BAR 29.79 WIND NE 1 SEA SSE 1
TEMPERATURE DRY 52 WET 52 DEPTH 31

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.53	31.35	24.04	.572	0.28	.02	8
10	10.53	31.36	24.05	.569	0.28	.01	8
15	10.50	31.40	24.08	.567	0.28	.03	8
25	10.37	31.42	24.12	.559	0.38	.10	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	10.53	31.35	24.04	388.1	.000
10	10.53	31.36	24.05	387.5	.039
20	10.45	31.42	24.11	381.9	.077

STATION 163

55-26 N 160-45 W 24 AUG 1940 1945 GCT
WEATHER C BAR 29.78 WIND NE 1 SEA CALM
TEMPERATURE DRY 54 WET 53 DEPTH 55

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.27	30.97	23.62	.575	0.18	.00	7
15	10.50	31.44	24.12	.561	0.26	.07	6
30	10.20	31.44	24.17	.558	0.36	.12	7
50	8.22	31.62	24.61	.504	0.86	.36	16

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	11.27	30.97	23.62	428.3	.000
10	10.70	31.34	24.00	391.7	.041
20	10.51	31.43	24.11	382.2	.080
30	10.20	31.44	24.17	376.7	.118
50	8.22	31.62	24.61	334.1	.189

STATION 164

55-24 N 160-29 W 24 AUG 1940 2135 GCT
WEATHER O BAR 29.77 WIND NE 1 SEA CALM
TEMPERATURE DRY 54 WET 53 DEPTH 60

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.27	30.50	23.25	.563	0.20	.00	12
10	10.63	31.26	23.95	.573	0.22	.00	7
20	10.41	31.40	24.10	.576	0.28	.03	7
30	9.89	31.49	24.26	.558	0.56	.14	7
40	9.45	31.56	24.38	.541	0.62	.26	9
55	8.54	31.65	24.59	.520	0.82	.34	17

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.27	30.50	23.25	463.1	.000
10	10.63	31.26	23.95	396.5	.043
20	10.41	31.40	24.10	382.8	.082
30	9.89	31.49	24.26	368.1	.120
50	8.88	31.62	24.52	343.5	.191

STATION 165

55-22 N 160-18 W 24 AUG 1940 2310 GCT
WEATHER O BAR 29.75 WIND ESE 1 SEA CALM
TEMPERATURE DRY 54 WET 53 DEPTH 110

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.74	31.33	23.99	.560	0.30	.02	9
20	9.77	31.51	24.29	.539	0.53	.01	10
40	9.36	31.62	24.44	.529	0.72	.01	12
55	8.79	31.76	24.64	.517	0.82	.01	17
75	8.11	31.80	24.77	.504	0.98	.00	19
100	7.70	31.82	24.85	.497	1.00	.14	22

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.74	31.33	23.99	392.9	.000
10	10.18	31.43	24.16	376.7	.038
20	9.77	31.51	24.29	364.6	.075
30	9.61	31.55	24.35	359.3	.111
50	8.97	31.72	24.58	337.4	.181
75	8.11	31.80	24.77	319.5	.263
100	7.70	31.82	24.85	312.8	.342

STATION 166

55-14 N 160-04 W 25 AUG 1940 0125 GCT
WEATHER O R Q BAR 29.71 WIND SSW 5 SEA SW 1
TEMPERATURE DRY 53 WET 53 DEPTH 73

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.96	31.82	24.33	.545	0.55	.10	11
20	9.28	31.82	24.61	.507	0.90	.22	13
40	7.78	31.96	24.94	.468	1.00	.40	21
68	7.43	32.09	25.09	.481	1.15	.02	26

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.96	31.82	24.33	360.3	.000
10	10.10	31.80	24.46	348.0	.035
20	9.28	31.82	24.61	334.1	.069
30	8.40	31.89	24.80	316.2	.102
50	7.42	32.02	25.04	293.5	.163

STATION 167

55-18 N 159-54 W 25 AUG 1940 1738 GCT
WEATHER BC Z BAR 29.77 WIND NW 4 SEA NW 3
TEMPERATURE DRY 52 WET 51 DEPTH 68

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.44	31.87	24.29	.552	0.05	.02	17
20	9.93	31.83	24.51	.548	0.42	.13	15
40	7.49	32.07	25.07	.488	1.20	.10	31
62	7.39	32.10	25.11	.426	1.20	.07	30

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.44	31.87	24.29	364.7	.000
10	10.80	31.82	24.36	357.9	.036
20	9.93	31.83	24.51	343.3	.071
30	8.43	31.98	24.87	310.0	.104
50	7.11	32.11	25.15	282.7	.163

STATION 168

55-18 N 159-42 W 25 AUG 1940 1930 GCT
WEATHER BC Z BAR 29.77 WIND NW 4 SEA NW 3
TEMPERATURE DRY 52 WET 51 DEPTH 118

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.32	31.60	24.10	.553	0.05	.01	13
20	10.85	31.91	24.42	.532	0.25	.14	11
40	9.28	31.85	24.63	.515	0.62	.43	19
60	8.32	31.96	24.87	.508	0.83	.27	24
80	7.71	32.07	25.04	.489	0.98	.09	2
110	7.29	32.12	25.14	.480	1.05	.08	32

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.32	31.60	24.10	382.6	.000
10	11.22	31.80	24.27	366.3	.037
20	10.85	31.91	24.42	352.2	.073
30	9.99	31.86	24.53	342.2	.108
50	8.76	31.90	24.75	321.0	.174
75	7.84	32.05	25.01	297.2	.251
100	7.36	32.12	25.13	285.9	.324

STATION 169

55-18 N 159-28 W 25 AUG 1940 2125 GCT
WEATHER BC BAR 29.78 WIND WNW 5 SEA NW 3
TEMPERATURE DRY 54 WET 52 DEPTH 153

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.13	31.62	24.15	.543	0.10	.09	13
20	10.33	31.69	24.34	.527	0.07	.21	13
40	9.48	31.82	24.58	.521	0.55	.35	15
60	8.46	31.89	24.79	.510	0.83	.40	21
80	7.83	31.98	24.95	.497	0.95	.15	26
100	7.77	32.03	25.00	.491	1.02	.23	27
125	7.37	32.16	25.16	.487	1.15	.03	28
145	7.11	32.21	25.23	.477	1.30	.02	28

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.13	31.62	24.15	377.9	.000
10	10.74	31.65	24.24	369.4	.037
20	10.33	31.69	24.34	360.0	.073
30	9.93	31.76	24.46	348.7	.108
50	8.92	31.85	24.69	327.0	.176
75	7.93	31.96	24.92	305.1	.255
100	7.77	32.03	25.00	298.1	.330

STATION 170

55-10 N 159-18 W 26 AUG 1940 0054 GCT
WEATHER BC BAR 29.79 WIND WNW 5 SEA NW 3
TEMPERATURE DRY 56 WET 54 DEPTH 75

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.14	31.73	24.23	.555	0.21	.10	13
20	11.42	32.05	24.43	.552	0.15	.03	4
40	8.27	31.96	24.87	.509	0.70	.20	24
68	7.54	32.12	25.10	.490	0.98	.04	28

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.14	31.73	24.23	370.0	.000
10	11.71	31.94	24.29	364.4	.037
20	11.42	32.05	24.43	351.5	.073
30	9.57	31.98	24.69	326.8	.107
50	7.52	31.98	25.00	297.8	.169

STATION 171

55-02 N 159-10 W 26 AUG 1940 0239 GCT
WEATHER BC BAR 29.81 WIND WNW 3 SEA WNW 1
TEMPERATURE DRY 57 WET 55 DEPTH 79

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.59	31.92	24.30	.560	0.05	.01	10
20	11.39	31.96	24.36	.548	0.18	.00	9
40	9.63	32.16	24.82	.518	0.53	.35	15
60	7.47	32.16	25.14	.487	0.98	.01	24
74	7.42	32.16	25.15	.482	0.95	.07	26

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.59	31.92	24.30	363.6	.000
10	11.69	31.92	24.28	365.5	.036
20	11.39	31.96	24.36	357.6	.072
30	10.56	32.09	24.61	334.3	.107
50	8.24	32.16	25.03	294.2	.170

STATION 172

54-51 N 159-01 W 26 AUG 1940 0430 GCT
WEATHER BC Z BAR 29.81 WIND WNW 3 SEA WNW 2
TEMPERATURE DRY 56 WET 54 DEPTH 75

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	12.03	31.94	24.23	.548	0.28	.00	8
20	10.65	31.85	24.41	.534	0.46	.12	4
30	9.47	32.00	24.72	.519	0.80	.22	14
40	7.79	32.09	25.04	.491	1.26	.10	24
50	7.53	32.09	25.08	.488	1.26	.01	24
70	7.22	32.29	25.28	.478	1.28	.11	25

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	12.03	31.94	24.23	369.8	.000
10	11.50	31.83	24.24	368.9	.037
20	10.65	31.85	24.41	353.4	.073
30	9.47	32.00	24.72	323.8	.107
50	7.53	32.09	25.08	289.7	.168

STATION 173

54-45 N 159-18 W 26 AUG 1940 0655 GCT
WEATHER BC Z BAR 29.82 WIND WNW 2 SEA SW 2
TEMPERATURE DRY 55 WET 55 DEPTH 58

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.95	31.67	24.22	.590	0.42	.00	4
10	10.88	31.69	24.24	.581	0.45	.01	4
20	10.90	31.82	24.34	.542	0.62	.04	11
30	9.26	32.14	24.86	.511	0.94	.26	13
40	7.73	32.05	25.02	.485	1.38	.18	20
50	7.42	32.09	25.10	.475	1.44	.28	26

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.95	31.67	24.22	371.2	.000
10	10.88	31.69	24.24	368.8	.037
20	10.90	31.82	24.34	359.7	.073
30	9.26	32.14	24.86	310.2	.106
50	7.42	32.09	25.10	288.3	.166

STATION 174

54-41 N 159-31 W 26 AUG 1940 0920 GCT
WEATHER B BAR 29.82 WIND W 3 SEA SW 1
TEMPERATURE DRY 54 WET 52 DEPTH 75

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.00	31.76	24.28	.564	0.38	.05	4
20	11.07	31.91	24.38	.537	0.42	.02	6
30	10.43	32.01	24.57	.517	0.58	.18	9
40	8.79	32.03	24.85	.503	0.96	.40	13
55	7.73	32.16	25.11	.472	1.25	.15	21
70	7.67	32.16	25.12	.473	1.35	.20	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.00	31.76	24.28	365.4	.000
10	11.26	31.83	24.29	364.8	.037
20	11.07	31.91	24.38	355.9	.073
30	10.43	32.01	24.57	338.1	.108
50	7.97	32.13	25.05	292.7	.171

STATION 175

54-38 N 159-47 W 26 AUG 1940 1200 GCT
WEATHER BC BAR 29.78 WIND WSW 3 SEA SW 1
TEMPERATURE DRY 53 WET 52 DEPTH 82

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.14	31.85	24.32	.551	0.30	.05	8
15	11.12	31.85	24.33	.550	0.30	.02	7
30	9.19	32.20	24.92	.508	0.77	.02	20
35	7.84	32.21	25.13	.487	1.04	.16	23
40	7.34	32.27	25.25	.480	1.20	.11	27
55	7.33	32.27	25.25	.475	1.35	.09	27
75	7.28	32.27	25.26	.476		.08	26

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.14	31.85	24.32	361.1	.000
10	11.34	31.81	24.26	367.6	.036
20	10.83	32.02	24.51	343.8	.072
30	9.19	32.20	24.92	304.7	.104
50	7.34	32.27	25.25	273.8	.162
75	7.28	32.27	25.26	273.3	.230

STATION 176

54-36 N 160-06 W 26 AUG 1940 1421 GCT
WEATHER O D BAR 29.74 WIND WSW 3 SEA SW 1
TEMPERATURE DRY 52 WET 52 DEPTH 102

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.23	32.12	24.52	.560	0.41	.00	2
20	11.12	32.14	24.55	.542	0.56	.05	5
40	7.17	32.16	25.18	.483	1.20	.01	25
60	7.17	32.32	25.31	.474	1.30	.02	26
80	7.18	32.32	25.31	.471	1.43	.10	24
97	7.12	32.34	25.33	.469	1.38	.10	29

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.23	32.12	24.52	342.7	.000
10	11.65	32.13	24.45	349.4	.035
20	11.12	32.14	24.55	339.7	.069
30	8.65	32.13	24.95	302.0	.101
50	7.17	32.26	25.26	272.3	.158
75	7.19	32.32	25.31	268.4	.226

STATION 177

54-33 N 160-23 W 26 AUG 1940 1630 GCT
WEATHER O D G BAR 29.64 WIND SW 3 SEA SW 2
TEMPERATURE DRY 52 WET 52 DEPTH 142

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.33	31.94	24.36	.550	0.40	.02	32
20	11.12	32.07	24.50	.543	0.42	.09	42
30	9.05	32.18	24.93	.516	0.80	.19	3
40	8.47	32.25	25.07	.499	0.98	.08	7
60	7.09	32.34	25.34	.476	1.35	.00	15
80	6.91	32.38	25.39	.474	1.32	.00	24
110	6.76	32.45	25.47	.469	1.25	.01	27
135	6.41	32.59	25.62	.442	1.36	.19	31

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.33	31.94	24.36	357.7	.000
10	11.88	31.99	24.30	363.7	.036
20	11.12	32.07	24.50	344.9	.071
30	9.05	32.18	24.93	304.1	.103
50	7.63	32.30	25.23	275.4	.161
75	6.95	32.37	25.38	261.6	.228
100	6.84	32.41	25.42	257.5	.293

STATION 178

54-31 N 160-39 W 26 AUG 1940 1905 GCT
WEATHER O R G BAR 29.52 WIND SSW 5 SEA SW 4
TEMPERATURE DRY 53 WET 53 DEPTH 146

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.41	32.21	24.55	.556	0.46	.02	10
10	11.38	32.21	24.56	.544	0.44	.01	8
40	8.41	32.39	25.19	.506	1.00	.10	21
60	7.04	32.50	25.47	.487	1.16	.00	29
80	6.62	32.56	25.57	.462	1.20	.02	34
110	6.15	32.72	25.76	.451	1.42	.15	44
140	5.63	32.97	26.02	.380	1.56	.00	47

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.41	32.21	24.55	339.1	.000
10	11.38	32.21	24.56	338.8	.034
20	10.27	32.27	24.80	316.1	.067
30	9.28	32.33	25.01	296.4	.098
50	7.61	32.45	25.35	264.0	.154
75	6.72	32.54	25.54	246.0	.218
100	6.31	32.66	25.69	232.3	.278

STATION 179

54-28 N 160-55 W 26 AUG 1940 2135 GCT
WEATHER O F BAR 29.46 WIND SW 3 SEA SW 4
TEMPERATURE DRY 53 WET 52 DEPTH 139

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.36	31.87	24.30	.582	0.08	.01	6
20	11.01	32.12	24.56	.576	0.47	.03	8
30	9.40	32.29	24.96	.534	0.68	.13	11
40	8.25	32.41	25.23	.509	1.04	.14	21
60	7.29	32.56	25.48	.511	1.16	.15	25
80	6.64	32.59	25.59	.488	1.22	.00	28
100	6.39	32.61	25.64	.464	1.40	.01	30
130	5.79	32.88	25.93	.421	1.46	.03	38

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	11.36	31.87	24.30	363.4	.000
10	11.66	31.98	24.33	360.6	.036
20	11.01	32.12	24.56	339.4	.071
30	9.40	32.29	24.96	301.2	.103
50	7.73	32.50	25.37	261.9	.159
75	6.76	32.58	25.57	243.5	.222
100	6.39	32.61	25.64	237.0	.282

STATION 180

54-25 N 161-11 W 27 AUG 1940 0004 GCT
WEATHER O Z BAR 29.42 WIND WSW 3 SEA SW 4
TEMPERATURE DRY 53 WET 52 DEPTH 149

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.15	31.91	24.37	.611	0.20	.01	1
20	10.79	31.91	24.43	.574	0.22	.02	2
30	10.38	32.05	24.61	.544	0.45	.00	9
40	8.70	32.05	24.88	.525	0.45	.00	14
60	7.21	32.39	25.36	.512	0.42	.02	24
80	6.69	32.39	25.43	.471	0.50	.21	27
110	6.21	32.63	25.68	.457	0.50	.28	35
140	5.69	32.95	25.99	.391	1.62	.33	34

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	11.15	31.91	24.37	356.8	.000
10	11.05	31.86	24.35	359.1	.036
20	10.79	31.91	24.43	351.2	.072
30	10.38	32.05	24.61	334.4	.106
50	7.83	32.26	25.17	281.1	.168
75	6.81	32.38	25.41	259.1	.236
100	6.37	32.54	25.59	242.0	.299

STATION 181

54-23 N 161-30 W 27 AUG 1940 0204 GCT
WEATHER C BAR 29.42 WIND W 5 SEA SW 4
TEMPERATURE DRY 53 WET 52 DEPTH 87

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	11.08	31.65	24.18	.594	0.20	.00	1
20	11.03	31.69	24.22	.574	0.27	.00	2
30	9.77	31.85	24.56	.530	0.55	.08	11
40	8.11	32.07	24.98	.521	1.00	.22	21
60	7.13	32.16	25.19		1.35	.07	28
80	6.86	32.38	25.40	.477	1.35	.00	28

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	11.08	31.65	24.18	374.9	.000
10	11.47	31.62	24.09	383.9	.038
20	11.03	31.69	24.22	371.5	.076
30	9.77	31.85	24.56	339.5	.112
50	7.53	32.10	25.09	289.0	.175
75	6.86	32.31	25.34	264.9	.244

STATION 182

54-20 N 161-46 W 27 AUG 1940 0413 GCT
WEATHER C BAR 29.41 WIND WNW 6 SEA SW 5
TEMPERATURE DRY 52 WET 49 DEPTH 150

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.98	31.56	24.13	.560	0.20	.00	0
20	10.90	31.62	24.19	.558	0.20	.00	0
30	9.32	31.87	24.64	.537	0.60	.38	7
50	7.54	32.16	25.13	.490	0.63	.08	20
75	7.05	32.34	25.34	.483	1.18	.01	24
100	6.86	32.36	25.38	.476	1.18	.10	28
120	6.63	32.43	25.47	.458	1.25	.08	36
140	6.16	32.63	25.68	.407	1.30	.18	40

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.98	31.56	24.13	379.9	.000
10	11.45	31.52	24.01	390.9	.039
20	10.90	31.62	24.19	374.5	.077
30	9.32	31.87	24.64	331.2	.112
50	7.54	32.16	25.13	284.6	.174
75	7.05	32.34	25.34	265.1	.243
100	6.86	32.43	25.47	252.0	.308

STATION 183

54-18 N 162-02 W 27 AUG 1940 0743 GCT
WEATHER C Z BAR 29.41 WIND WSW 6 SEA SW 6
TEMPERATURE DRY 51 WET 50 DEPTH 73

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.68	31.55	24.17	.575	0.10	.00	2
20	9.67	31.82	24.55	.534	0.45	.28	10
30	7.95	31.94	24.90	.502	0.96	.75	22
40	7.62	32.00	25.00	.490	1.20	.70	26
50	7.52	32.14	25.12	.480	0.55	.64	27
65	6.99	32.12	25.18	.476	1.18	.38	30

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	10.68	31.55	24.17	375.7	.000
10	10.58	31.69	24.30	363.9	.037
20	9.67	31.82	24.55	340.0	.072
30	7.95	31.94	24.90	306.3	.104
50	7.52	32.14	25.12	285.9	.163

STATION 184

54-16 N 162-18 W 27 AUG 1940 1010 GCT
WEATHER C Z BAR 29.40 WIND W 6 SEA SW 6
TEMPERATURE DRY 51 WET 50 DEPTH 71

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	10.39	31.49	24.17	.564	0.30	.00	0
5	10.38	31.47	24.16	.552	0.25	.00	0
15	10.38	31.51	24.19	.558	0.35	.00	0
25	10.26	31.67	24.33	.555	0.40	.02	1
35	8.48	31.83	24.74	.510	0.82	.29	20
45	7.71	31.94	24.94	.483	0.98	.38	22
60	7.12	32.03	25.09	.482	1.03	.47	27

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5 \delta$	ΔD
0	10.39	31.49	24.17	375.4	.000
10	10.40	31.48	24.16	376.5	.038
20	10.53	31.59	24.23	370.7	.075
30	9.24	31.76	24.57	338.1	.110

STATION DATA, 1941

Figure 6.--Oceanographic stations 1-39, May-June 1941

STATION 1

54-09 N 166-36 W 23 MAY 1941 2037 GCT

WEATHER C BAR 30.05 WIND SW 4 SEA W 1

TEMPERATURE DRY 48 WET 45 DEPTH 896

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.76	32.41	25.56	.729	1.40	.12	10
10	5.68	32.41	25.57	.725	1.05	.12	10
20	5.39	32.45	25.64	.680	1.05	.15	14

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 B	ΔD
0	5.76	32.41	25.56	243.4	.000
10	5.68	32.41	25.57	242.6	.024
20	5.39	32.45	25.64	236.5	.048

STATION 2

53-58 N 167-11 W 23 MAY 1941 2347 GCT
WEATHER BC Z BAR 30.05 WIND SW 6 SEA W 4
TEMPERATURE DRY 44 WET 43 DEPTH 1756

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.82	32.50	25.62	.737	1.50	.10	5
10	5.79	32.50	25.63	.736	1.40	.10	5
20	5.75	32.48	25.62	.738	2.00	.09	6
30	5.69	32.48	25.62	.736	1.35	.10	5
40	4.96	32.43	25.67	.648	1.60	.15	14
50	4.84	32.48	25.72	.622	1.55	.18	18
75	4.47	32.63	25.88	.563	1.50	.19	38
100	4.58	32.72	25.94	.537	1.70	.12	40
135	4.62	32.88	26.06	.498	1.50	.10	43
170	4.31	33.04	26.22	.486	1.60	.04	49

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\,\delta$	ΔD
0	5.82	32.50	25.62	237.3	.000
10	5.79	32.50	25.63	237.1	.024
20	5.75	32.48	25.62	238.2	.048
30	5.69	32.48	25.62	237.6	.072
50	4.84	32.48	25.72	228.6	.119
75	4.47	32.63	25.88	213.7	.174
100	4.58	32.72	25.94	208.3	.227
150	4.53	32.95	26.13	190.9	.327

STATION 3

53-45 N 167-50 W 24 MAY 1941 0409 GCT
WEATHER C Z BAR 30.06 WIND S 5 SEA W 4
TEMPERATURE DRY 44 WET 43 DEPTH 1390

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.71	32.47	25.61	.692	3.00	.19	12
10	5.67	32.48	25.63	.695	2.50	.18	10
20	5.53	32.47	25.63	.673	2.50	.17	14
30	5.51	32.47	25.64	.681	1.60	.17	10
40	5.42	32.47	25.65	.661	1.20	.18	13
50	5.15	32.50	25.70	.619	1.50	.21	43
75	4.89	32.61	25.82	.588	1.50	.21	28
100	4.69	32.66	25.88	.567	1.75	.10	37
135	4.71	32.74	25.94	.534	1.30	.08	66
170	4.52	32.84	26.04	.502	2.50	.02	50

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	5.71	32.47	25.61	238.3	.000
10	5.67	32.48	25.63	237.2	.024
20	5.53	32.47	25.63	236.5	.048
30	5.51	32.47	25.64	236.4	.072
50	5.15	32.50	25.70	230.4	.119
75	4.89	32.61	25.82	219.6	.175
100	4.69	32.66	25.88	213.9	.229
150	4.65	32.78	25.98	204.9	.334

STATION 4

54-12 N 168-13 W 24 MAY 1941 0820 GCT
WEATHER C Z BAR 30.06 WIND S 4 SEA W 4
TEMPERATURE DRY 44 WET 43 DEPTH 1810

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.63	32.47	25.62	.698	0.80	.14	13
10	5.66	32.47	25.62	.704	0.85	.13	11
20	5.64	32.47	25.62	.695	0.85	.13	15
30	5.55	32.50	25.66	.678	0.90	.14	15
40	5.51	32.50	25.66	.666	1.10	.14	13
50	5.34	32.50	25.68	.629	1.20	.14	38
75	5.03	32.61	25.80	.618	1.10	.16	30
100	5.07	32.68	25.85	.576	2.50	.15	30
135	4.94	32.74	25.92	.563	1.60	.13	62
170	4.76	32.83	26.01	.528	3.00	.13	50

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 S	ΔD
0	5.63	32.47	25.62	237.4	.000
10	5.66	32.47	25.62	237.8	.024
20	5.64	32.47	25.62	237.7	.048
30	5.55	32.50	25.66	234.6	.072
50	5.34	32.50	25.68	232.4	.119
75	5.03	32.61	25.80	221.1	.176
100	5.07	32.68	25.85	216.5	.231
150	4.87	32.77	25.95	208.0	.337

STATION 5

54-40 N 168-35 W 24 MAY 1941 1201 GCT
WEATHER C Z BAR 30.01 WIND S 4 SEA SW 4
TEMPERATURE DRY 43 WET 42 DEPTH 2012

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.73	32.63	25.74	.682	1.00	.15	15
10	5.73	32.65	25.75	.682	1.70	.12	15
20	5.72	32.66	25.76	.682	1.10	.12	18
30	5.36	32.70	25.84	.607	1.40	.12	30
40	5.22	32.77	25.91	.567	1.55		42
50	5.14	32.79	25.93	.548	1.55	.10	34
75	4.71	32.94	26.10	.485	1.50	.12	46
100	4.32	33.01	26.20	.506	1.70	.00	42
135	3.88	33.10	26.31	.528	1.70	.07	50
170	1.94	33.12	26.49	.527	3.00	.00	50

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	5.73	32.63	25.74	226.6	.000
10	5.73	32.65	25.75	225.2	.023
20	5.72	32.66	25.76	224.4	.045
30	5.36	32.70	25.84	217.5	.067
50	5.14	32.79	25.93	208.5	.110
75	4.71	32.94	26.10	192.9	.160
100	4.32	33.01	26.20	183.8	.207
150	3.23	33.12	26.39	165.6	.294

STATION 6

55-08 N 169-01 W 24 MAY 1941 1545 GCT
WEATHER O Z BAR 29.91 WIND SW 3 SEA SW 4
TEMPERATURE DRY 45 WET 44 DEPTH 1893

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.51	32.83	25.92	.651		.17	16
10	5.50	32.81	25.91	.653	1.25	.18	16
20	5.51	32.81	25.91	.657	3.60	.18	16
30	5.50	32.81	25.91	.651		.16	16
40	4.96	32.86	26.01	.628		.15	24
50	4.82	32.90	26.05	.615	1.55	.15	26
75	4.37	33.10	26.26	.463	1.90	.20	26
100	4.15	33.12	26.30	.473	1.65	.18	50
135	3.91	33.19	26.38	.479	1.72	.02	48
170	1.42	33.28	26.66	.462	1.78	.00	50

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	5.51	32.83	25.92	209.1	.000
10	5.50	32.81	25.91	210.6	.021
20	5.51	32.81	25.91	210.8	.042
30	5.50	32.81	25.91	210.8	.063
50	4.82	32.90	26.05	196.8	.104
75	4.37	33.10	26.26	177.4	.151
100	4.15	33.12	26.30	173.9	.195
150	3.12	33.23	26.49	156.3	.278

STATION 7

55-38 N 169-38 W 24 MAY 1941 1945 GCT
WEATHER O R BAR 29.77 WIND E 6 SEA E 4
TEMPERATURE DRY 43 WET 42 DEPTH 2195

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.62	32.27	25.58	.647	1.23	.19	25
5	4.57						
10	4.62	32.27	25.58	.649	1.26	.22	26
20	4.83	32.56	25.78	.651	1.27	.22	26
30	4.79	32.56	25.79	.639	1.28	.23	24
40	4.74	32.63	25.85	.617	1.34	.22	24
50	4.73	32.74	25.94	.598	1.36	.21	26
75	4.51	32.90	26.09	.566	1.44	.17	37
100	4.10	32.95	26.17	.552	1.62	.17	39
135	3.84	33.03	26.26	.547	1.62	.18	43
170	3.49	33.04	26.30	.577	1.82	.20	45

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.62	32.27	25.58	241.7	.000
10	4.62	32.27	25.58	241.8	.024
20	4.83	32.56	25.78	222.2	.047
30	4.79	32.56	25.79	221.9	.069
50	4.73	32.74	25.94	207.9	.112
75	4.51	32.90	26.09	193.8	.162
100	4.10	32.95	26.17	186.2	.210
150	3.70	33.04	26.28	175.9	.301

STATION 8

57-23 N 170-52 W 26 MAY 1941 1114 GCT
WEATHER C Z BAR 30.16 WIND NW 3 SEA SW 4
TEMPERATURE DRY 39 WET 39 DEPTH 88

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.28	31.82	25.43	.726	0.72	.02	4
10	2.29	31.83	25.44	.729	0.74	.02	8
20	2.27	31.83	25.44	.726	0.78	.04	10
30	2.65	31.92	25.48	.741	0.80	.02	10
40	3.06	32.09	25.58	.717	1.10	.07	12
50	2.60	31.96	25.52	.885	1.22	.06	14
65	2.60	32.07	25.61	.675	1.30	.08	18
80	2.59	32.03	25.57	.673	1.34	.08	20

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\,\delta$	ΔD
0	2.28	31.82	25.43	255.7	.000
10	2.29	31.83	25.44	255.0	.026
20	2.27	31.83	25.44	254.9	.051
30	2.65	31.92	25.48	250.9	.076
50	2.60	31.96	25.52	247.5	.126
75	2.59	32.06	25.60	239.9	.187

STATION 9

57-26 N 171-51 W 26 MAY 1941 1557 GCT
WEATHER O Z BAR 30.20 WIND NE 2 SEA NW 2
TEMPERATURE DRY 38 WET 38 DEPTH 111

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.54	32.18	25.61	.723	0.74	.06	14
5	3.55	32.16	25.60	.715	0.80	.05	14
15	3.55	32.18	25.61	.713	0.96	.07	14
25	3.55	32.23	25.65	.690	1.10	.09	15
35	3.56	32.21	25.63	.679	1.22	.07	16
45	3.54	32.23	25.65	.670	1.24	.06	16
65	2.39	32.30	25.81	.631	1.80	.17	34
85	2.40	32.30	25.80	.623	1.62	.15	36
105	2.27	32.29	25.81	.621	1.64	.16	37

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.54	32.18	25.61	238.4	.000
10	3.55	32.17	25.60	239.3	.024
20	3.55	32.21	25.64	236.3	.048
30	3.56	32.22	25.64	235.7	.072
50	3.14	32.25	25.70	229.9	.119
75	2.41	32.30	25.80	220.4	.175
100	2.32	32.29	25.80	220.5	.230

STATION 10

57-50 N 171-20 W 26 MAY 1941 1938 GCT
WEATHER O BAR 30.22 WIND E 3 SEA N 2
TEMPERATURE DRY 38 WET 37 DEPTH 96

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.42	31.85	25.44	.750	0.37	.00	3
10	2.61	31.91	25.48	.759	0.36	.00	4
20	3.05	32.09	25.58	.739	0.47	.03	6
30	2.97	32.09	25.59	.723	0.67	.03	7
40	2.69	32.14	25.65	.689	1.03	.07	15
50	2.12	32.18	25.73	.641	1.48	.09	22
70	1.82	32.18	25.75	.619	1.61	.09	28
90	1.83	32.18	25.75	.618	1.73	.11	31

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	2.42	31.85	25.44	254.4	.000
10	2.61	31.91	25.48	251.3	.025
20	3.05	32.09	25.58	241.2	.050
30	2.97	32.09	25.59	240.5	.074
50	2.12	32.18	25.73	227.3	.121
75	1.79	32.18	25.75	225.1	.178

STATION 11

57-58 N 172-31 W 26 MAY 1941 2323 GCT
WEATHER O BAR 30.22 WIND ENE 3 SEA N 2
TEMPERATURE DRY 40 WET 39 DEPTH 109

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.47	32.30	25.71	.696	1.15	.12	12
10		32.30		.699	1.18	.12	12
20	3.31	32.30	25.73	.696	0.85	.13	14
30	3.33	32.30	25.73	.694	0.95	.10	14
40	3.09	32.30	25.75	.680	0.98	.12	15
50	2.11	32.32	25.84	.645	1.60	.15	28
75	2.03	32.34	25.86	.633	1.77	.15	34
100	2.00	32.34	25.87	.630	1.75	.14	34

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	3.47	32.30	25.71	228.7	.000
10	3.39	32.30	25.72	228.0	.023
20	3.31	32.30	25.73	227.4	.046
30	3.33	32.30	25.73	227.7	.069
50	2.11	32.32	25.84	216.6	.113
75	2.03	32.34	25.86	214.6	.167
100	2.00	32.34	25.87	214.4	.221

STATION 12A

58-20 N 172-01 W 27 MAY 1941 0250 GCT
WEATHER C BAR 30.17 WIND NE 4 SEA S 2
TEMPERATURE DRY 38 WET 37 DEPTH 100

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.40	31.83	25.43	.752	0.11	.00	3
10	2.12	31.83	25.45	.627	0.15	.00	4
20	2.00	31.85	25.48	.748	0.20	.00	6
30	2.19	31.89	25.49	.744	0.38	.00	5
40	1.34	32.07	25.70	.617	1.68	.04	10
50	0.92	32.14	25.78	.556	1.87	.03	27
70	1.22	32.23	25.83		1.97	.05	30
95	1.27	32.25	25.84	.553	1.98	.05	39

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	2.40	31.83	25.43	255.8	.000
10	2.12	31.83	25.45	253.8	.025
20	2.00	31.85	25.48	251.5	.050
30	2.19	31.89	25.49	249.8	.075
50	0.92	32.14	25.78	222.8	.122
75	1.26	32.24	25.84	217.1	.177

STATION 12B

58-20 N 172-01 W 27 MAY 1941 0335 GCT
WEATHER BAR WIND SEA
TEMPERATURE DRY WET DEPTH

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.48	31.85	25.44	.737	0.27	.00	0
10	2.21	31.85	25.46	.765	0.17	.00	1
20	2.22	31.85	25.46	.755	0.24	.00	1
30	1.87	31.94	25.56	.691	0.52	.02	2
40	1.25	32.05	25.68	.651	1.24	.02	3
50	0.84	32.14	25.78	.446	1.87	.04	13
70	1.45	32.23	25.82	.605	1.74	.08	25
95	1.34	32.29	25.87	.542	1.86	.06	

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	2.48	31.85	25.44	254.9	.000
10	2.21	31.85	25.46	252.9	.025
20	2.22	31.85	25.46	253.0	.050
30	1.87	31.94	25.56	243.8	.075
50	0.84	32.14	25.78	222.3	.122
75	1.51	32.25	25.83	217.9	.177

STATION 13

58-44 N 171-52 W 27 MAY 1941 0708 GCT
WEATHER O BAR 30.10 WIND ENE 6 SEA NE 4
TEMPERATURE DRY 33 WET 32 DEPTH 96

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	0.33	31.42	25.23	.782	0.22	.00	2
10	0.44	31.40	25.21	.783	0.23	.00	4
20	0.43	31.40	25.21	.783	0.22	.00	4
30	0.34	31.40	25.21	.783	0.27	.00	4
40		31.44		.784	0.22	.00	2
50	- 0.12	31.85	25.59	.603	1.86	.02	16
70	0.56	32.09	25.76	.570	2.06	.02	39
90	0.54	32.09	25.76	.574	2.20	.03	42

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	0.33	31.42	25.23	274.9	.000
10	0.44	31.40	25.21	276.9	.028
20	0.43	31.40	25.21	276.8	.056
30	0.34	31.40	25.21	276.3	.084
50	- 0.12	31.85	25.59	239.9	.136
75	0.62	32.11	25.77	223.4	.194

STATION 14

58-52 N 173-02 W 27 MAY 1941 1106 GCT
WEATHER O S BAR 30.01 WIND NE 6 SEA NE 4
TEMPERATURE DRY 33 WET 33 DEPTH 107

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.68	31.65	25.34	.754			
10	1.67	31.65	25.34	.753			
20	1.81	31.69	25.36	.758			
30	1.46	31.85	25.51	.741			
40	1.17	32.27	25.87	.582			
50	1.76	32.47	25.99	.557			
75	1.71	32.48	26.00	.556			
100	1.73	32.47	25.99	.554			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	1.68	31.65	25.34	264.6	.000
10	1.67	31.65	25.34	264.5	.026
20	1.81	31.69	25.36	262.4	.052
30	1.46	31.85	25.51	248.0	.078
50	1.76	32.47	25.99	202.8	.123
75	1.71	32.48	26.00	201.8	.174
100	1.73	32.47	25.99	202.7	.225

STATION 15

59-15 N 172-36 W 27 MAY 1941 1534 GCT
WEATHER O S BAR 29.89 WIND NE 6 SEA NE 5
TEMPERATURE DRY 32 WET 32 DEPTH 88

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	- 0.18	31.31	25.16				
10	- 0.19	31.29	25.15	.754			
20	- 0.15	31.31	25.16	.643			
30	- 0.11	31.31	25.16	.687			
40	- 0.17	31.31	25.16	.660			
50	- 0.81	31.51	25.35				
75	- 0.20	31.85	25.60	.624			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	- 0.18	31.31	25.16	281.2	.000
10	- 0.19	31.29	25.15	282.7	.028
20	- 0.15	31.31	25.16	281.2	.056
30	- 0.11	31.31	25.16	281.3	.084
50	- 0.81	31.51	25.35	263.4	.138
75	- 0.20	31.85	25.60	239.4	.201

STATION 16

59-20 N 173-58 W 27 MAY 1941 1936 GCT
WEATHER O S BAR 29.81 WIND NE 6 SEA NE 6
TEMPERATURE DRY 32 WET DEPTH 108

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	0.66	31.36	25.16	.757			
10	0.62	31.36	25.17	.761			
20	0.64	31.36	25.17	.759			
30	0.64	31.36	25.17	.759			
40	- 0.40	31.73	25.51	.720			
50	1.09	32.25	25.85				
70	1.45	32.36	25.92	.571			
90	1.45	32.39	25.94	.574			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	0.66	31.36	25.16	281.0	.000
10	0.62	31.36	25.17	280.8	.028
20	0.64	31.36	25.17	280.8	.056
30	0.64	31.36	25.17	280.8	.084
50	1.09	32.25	25.85	215.4	.134
75	1.48	32.37	25.93	208.6	.187

STATION 17

58-32 N 162-00 W 29 MAY 1941 2150 GCT
WEATHER C Z BAR 29.83 WIND SSW 3 SEA W 3
TEMPERATURE DRY 41 WET 39 DEPTH 39

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.15	30.81	24.47	.657	0.52	.01	4
5	4.16	30.75	24.42	.645	0.48	.00	3
15	4.04	30.77	24.45	.643	0.54	.00	5
25	3.94	30.81	24.49	.643	0.60	.00	4
35	3.95	30.81	24.49	.648	0.58	.01	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 B	ΔD
0	4.15	30.81	24.47	347.3	.000
10	4.10	30.76	24.43	350.6	.035
20	3.98	30.80	24.48	346.6	.070
30	3.93	30.82	24.50	344.7	.105

STATION 18

58-06 N 161-30 W 30 MAY 1941 0121 GCT
WEATHER BC Z BAR 29.84 WIND SW 3 SEA SSW 1
TEMPERATURE DRY 42 WET 40 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.72	31.51	25.06	.693	0.50	.00	5
10	3.60	31.51	25.08	.696	0.50	.00	4
20	3.54	31.51	25.08	.687	0.55	.00	4
30	3.53	31.53	25.10	.688	0.60	.00	4
45	3.53	31.53	25.10	.687	0.58	.00	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 B	ΔD
0	3.72	31.51	25.06	290.6	.000
10	3.60	31.51	25.08	289.6	.029
20	3.54	31.51	25.08	289.1	.058
30	3.53	31.53	25.10	287.5	.087

STATION 19

58-00 N 160-28 W 30 MAY 1941 0533 GCT
WEATHER C BAR 29.85 WIND W 3 SEA W 1
TEMPERATURE DRY 44 WET 42 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.29	31.47	24.98	.710	0.45	.00	2
10	3.83	31.51	25.05	.714	0.48	.00	3
20	3.74	31.53	25.08	.695	0.47	.00	2
30	3.74	31.51	25.06	.694	0.52	.00	3
40	3.79	31.53	25.07	.693	0.59	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	4.29	31.47	24.98	298.8	.000
10	3.83	31.51	25.05	291.6	.030
20	3.74	31.53	25.08	289.3	.059
30	3.74	31.51	25.06	290.9	.088

STATION 20

57-54 N 159-22 W 30 MAY 1941 0956 GCT
WEATHER C BAR 29.86 WIND W 2 SEA W 1
TEMPERATURE DRY 42 WET 40 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.43	30.99	24.58	.680	0.47	.00	3
10	4.16	31.46	24.98	.686	0.49	.00	5
20	4.13	31.47	24.99	.671	0.49	.00	3
30	4.14	31.47	24.99	.670	0.52	.01	3
40	4.17	31.47	24.99	.677	0.55	.01	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	4.43	30.99	24.58	336.3	.000
10	4.16	31.46	24.98	298.4	.032
20	4.13	31.47	24.99	297.4	.062
30	4.14	31.47	24.99	297.5	.092

STATION 21

57-45 N 157-52 W 30 MAY 1941 1448 GCT
WEATHER O P Z BAR 29.88 WIND W 4 SEA W 1
TEMPERATURE DRY 42 WET 39 DEPTH 19

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.25	29.40	23.13	.617	0.57	.00	4
5	6.27	29.40	23.13	.617	0.55	.00	7
15	6.23	29.40	23.13	.614	0.55	.00	7

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.25	29.40	23.13	474.7	.000
10	6.26	29.40	23.13	474.9	.047

STATION 22

57-37 N 159-06 W 30 MAY 1941 1923 GCT
WEATHER C BAR 29.94 WIND W 2 SEA W 1
TEMPERATURE DRY 40 WET 39 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS.	NIT	SIL
0	4.52	31.56	25.03	.687	0.49	.00	2
10	4.27	31.60	25.08	.703	0.48	.00	3
20	4.21	31.64	25.12	.700	0.49	.00	2
30	4.21	31.65	25.13	.701	0.47	.00	3
40	4.26	31.64	25.12	.703	0.53	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.52	31.56	25.03	294.2	.000
10	4.27	31.60	25.08	288.8	.029
20	4.21	31.64	25.12	285.3	.058
30	4.21	31.65	25.13	284.6	.086

STATION 23

57-29 N 160-38 W 31 MAY 1941 0047 GCT
WEATHER C BAR 29.98 WIND SW 1 SEA W 1
TEMPERATURE DRY 45 WET 42 DEPTH 66

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.13	31.87	25.21	.713	0.64	.07	4
5	4.33	31.89	25.31	.727	1.00	.06	5
10	3.91	31.87	25.33	.724	0.78	.12	6
20	3.67	31.89	25.37	.686	0.95	.12	9
30	3.67	31.89	25.37	.682	0.95	.12	9
40	3.69	31.89	25.37	.681	1.00	.12	10
50	3.70	31.91	25.38	.680	0.90	.08	9
60	3.64	31.89	25.37	.678		.07	10

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 6	ΔD
0	5.13	31.87	25.21	277.0	.000
10	3.91	31.87	25.33	265.1	.027
20	3.67	31.89	25.37	261.5	.053
30	3.67	31.89	25.37	261.6	.079
50	3.70	31.91	25.38	260.5	.131

STATION 24

57-10 N 161-43 W 31 MAY 1941 0530 GCT
WEATHER BC BAR 29.99 WIND SW 1 SEA W 1
TEMPERATURE DRY 42 WET 40 DEPTH 52

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.21	31.85	25.06	.746	0.55	.03	2
5	4.73	31.83	25.22	.757	0.55	.04	3
10	3.93	31.83	25.30	.714	0.63	.04	3
20	3.86	31.85	25.32	.701	0.77	.05	3
30	3.89	31.85	25.32	.698	0.82	.04	3
48	3.91	31.85	25.32	.695	0.85	.02	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 6	ΔD
0	6.21	31.85	25.06	290.5	.000
10	3.93	31.83	25.30	268.3	.028
20	3.86	31.85	25.32	266.3	.055
30	3.89	31.85	25.32	266.6	.082

STATION 25

57-10 N 162-38 W 31 MAY 1941 0916 GCT
WEATHER C BAR 30.02 WIND E 1 SEA W 1
TEMPERATURE DRY 42 WET 40 DEPTH 57

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	5.11	31.85	25.19	.692	1.01	.03	20
5	4.53	31.85	25.25	.703	1.01	.09	20
10	3.77	31.85	25.33	.690	1.05	.09	20
20	3.70	31.85	25.34	.678	1.12	.08	19
30	3.72	31.85	25.33	.675	1.15	.09	21
40	3.74	31.85	25.33	.662	1.19	.07	21
53	3.69	31.85	25.34	.653	1.20	.08	22

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	5.11	31.85	25.19	278.3	.000
10	3.77	31.85	25.33	265.4	.027
20	3.70	31.85	25.34	264.8	.054
30	3.72	31.85	25.33	265.0	.080
50	3.71	31.85	25.33	265.1	.133

STATION 26

57-10 N 163-32 W 31 MAY 1941 1302 GCT
WEATHER C BAR 30.04 WIND CALM SEA W 1
TEMPERATURE DRY 41 WET 40 DEPTH 65

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.37	31.92	25.33	.708	1.40	.10	15
5	4.35	31.94	25.34	.708	1.20	.11	18
10	3.46	31.92	25.41	.703	1.20	.13	18
20	3.01	31.92	25.45	.675	1.20	.15	23
30	3.04	31.92	25.45	.673	1.25	.15	26
40	3.05	31.92	25.45	.672	1.25	.13	26
50	2.98	31.94	25.47	.672	1.20	.10	22
60	3.00	31.92	25.45	.673	1.15	.14	24

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	4.37	31.92	25.33	265.6	.000
10	3.46	31.92	25.41	257.4	.026
20	3.01	31.92	25.45	253.7	.052
30	3.04	31.92	25.45	254.0	.077
50	2.98	31.94	25.47	252.0	.128

STATION 27

57-10 N 164-26 W 31 MAY 1941 1654 GCT
WEATHER C BAR 30.05 WIND CALM SEA W 1
TEMPERATURE DRY 42 WET 40 DEPTH 69

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.61	31.89	25.38	.860		.02	10
5	2.55	31.91	25.48	.895	0.60	.02	10
10	2.01	31.91	25.52	.816	0.80	.03	10
20	1.99	31.91	25.52	.748	1.00	.07	14
30	2.02	31.92	25.53	.714	1.20	.07	20
40	1.98	31.92	25.53	.712	1.20	.06	20
50	1.92	31.92	25.54	.714	1.20	.05	20
65	1.90	31.92	25.54	.715	1.20	.06	22

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.61	31.89	25.38	260.9	.000
10	2.01	31.91	25.52	247.0	.025
20	1.99	31.91	25.52	246.9	.050
30	2.02	31.92	25.53	246.3	.075
50	1.92	31.92	25.54	245.7	.124

STATION 28

57-10 N 165-20 W 31 MAY 1941 2031 GCT
WEATHER O BAR 30.10 WIND CALM SEA SW 1
TEMPERATURE DRY 41 WET 40 DEPTH 71

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.39	31.85	25.36	.723	0.72	.04	4
5	3.06	31.85	25.39	.725	0.74	.04	4
10	2.19	31.85	25.46	.727	0.76	.05	4
20	2.04	31.85	25.47	.720	0.79	.05	4
30	2.08	31.85	25.47	.720	0.79	.06	5
40	2.09	31.85	25.47	.716	0.83	.05	7
50	2.01	31.85	25.47	.715	0.82	.05	5
65	2.01	31.85	25.47	.707	1.05	.06	9

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	3.39	31.85	25.36	262.0	.000
10	2.19	31.85	25.46	252.8	.026
20	2.04	31.85	25.47	251.8	.051
30	2.08	31.85	25.47	252.0	.076
50	2.01	31.85	25.47	251.6	.126

STATION 29

57-10 N 166-15 W 01 JUN 1941 0006 GCT
WEATHER O BAR 30.10 WIND CALM SEA SW 1
TEMPERATURE DRY 42 WET 41 DEPTH 73

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.62	31.65	25.27	.766	0.48	.00	0
5	2.08	31.65	25.31	.774	0.69	.00	3
10	0.83	31.67	25.40	.788	0.44	.01	3
20	0.70	31.69	25.43	.777	0.56	.00	3
30	0.64	31.67	25.41	.760	0.64	.00	2
40	0.51	31.74	25.48	.714	0.84	.00	2
50	0.52	31.74	25.48	.708	0.92	.00	2
65	0.48	31.74	25.48	.704	1.06	.00	1

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	2.62	31.65	25.27	271.1	.000
10	0.83	31.67	25.40	258.2	.026
20	0.70	31.69	25.43	256.0	.052
30	0.64	31.67	25.41	257.1	.078
50	0.52	31.74	25.48	251.2	.129

STATION 30

57-10 N 167-09 W 01 JUN 1941 0453 GCT
WEATHER O Z BAR 30.12 WIND W 1 SEA SW 1
TEMPERATURE DRY 41 WET 40 DEPTH 75

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.59	31.71	25.23	.731	0.44	.01	2
5	1.91	31.71	25.37	.762	0.43	.01	2
10	1.45	31.71	25.40	.763	0.52	.01	2
20	1.32	31.71	25.41	.758	0.55	.01	3
30	1.34			.751	0.53	.01	3
40	1.33			.749	0.57	.02	2
55	1.30			.745	0.55	.01	3
70	1.27			.738	0.58	.02	4

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	3.59	31.71	25.23	274.3	.000
10	1.45	31.71	25.40	258.6	.027
20	1.32	31.71	25.41	257.8	.053
30	1.34				
50	1.31				

STATION 31

57-40 N 167-30 W 01 JUN 1941 0830 GCT
WEATHER O Z BAR 30.15 WIND CALM SEA SW 1
TEMPERATURE DRY 40 WET 39 DEPTH 70

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.20	31.62	25.28	.755	0.73	.01	1
5	0.86	31.62	25.36	.782	0.74	.00	2
10	0.34	31.62	25.39	.777	0.64	.00	1
20	0.25	31.62	25.39	.774	0.72	.01	2
30	0.25	31.62	25.39	.775	0.73	.00	2
40	0.25	31.62	25.39	.770	0.68	.00	2
50	0.21	31.62	25.40	.771	0.70	.01	1
65	0.22	31.62	25.39	.771	0.69	.01	1

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	2.20	31.62	25.28	270.3	.000
10	0.34	31.62	25.39	259.6	.026
20	0.25	31.62	25.39	259.2	.052
30	0.25	31.62	25.39	259.1	.078
50	0.21	31.62	25.40	258.9	.130

STATION 32

58-16 N 167-55 W 01 JUN 1941 1303 GCT
WEATHER O Z BAR 30.16 WIND ENE 2 SEA SW 1
TEMPERATURE DRY 37 WET 36 DEPTH 65

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.66	31.67	25.35	.783	0.40	.01	0
5	1.22	31.67	25.38	.789	0.35	.00	4
10	0.54	31.67	25.42	.795	0.30	.00	2
20	0.37	31.67	25.43	.785	0.35	.00	2
30	0.40	31.67	25.43	.780	0.40	.00	2
40	0.38	31.67	25.43	.776	0.50	.01	2
50	0.34	31.67	25.43	.775	0.35	.00	1
60	0.36	31.67	25.43	.775	0.35	.01	1

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	1.66	31.67	25.35	262.9	.000
10	0.54	31.67	25.42	256.7	.026
20	0.37	31.67	25.43	255.9	.052
30	0.40	31.67	25.43	256.0	.078
50	0.34	31.67	25.43	255.6	.129

STATION 33

58-44 N 168-18 W 01 JUN 1941 1626 GCT
WEATHER O Z BAR 30.18 WIND ENE 2 SEA SW 1
TEMPERATURE DRY 37 WET 36 DEPTH 51

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	1.29	31.58	25.31	.797	0.36	.00	0
5	0.98	31.60	25.34	.804	0.40	.00	1
10	0.50	31.56	25.33	.805	0.44	.01	2
20	0.48	31.60	25.37	.804	0.48	.00	2
30	0.51	31.62	25.38	.801	0.46	.01	3
45	0.44	31.64	25.40	.797	0.47	.01	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	1.29	31.58	25.31	267.6	.000
10	0.50	31.56	25.33	264.9	.027
20	0.48	31.60	25.37	261.7	.053
30	0.51	31.62	25.38	260.3	.079

STATION 34

58-38 N 167-21 W 01 JUN 1941 2052 GCT
WEATHER BC Z BAR 30.18 WIND NW 2 SEA SW 1
TEMPERATURE DRY 46 WET 44 DEPTH 45

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.22	31.58	25.24	.741	0.25	.00	1
5	1.89	31.58	25.27	.745	0.26	.00	1
10	1.20	31.56	25.30	.753	0.28	.00	2
20	1.07	31.56	25.30	.742	0.28	.00	2
30	1.06	31.56	25.30	.741	0.28	.00	2
40	1.07	31.56	25.30	.741	0.30	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	2.22	31.58	25.24	273.5	.000
10	1.20	31.56	25.30	268.6	.027
20	1.07	31.56	25.30	267.8	.054
30	1.06	31.56	25.30	267.7	.081

STATION 35

58-34 N 166-24 W 02 JUN 1941 0044 GCT
WEATHER BC BAR 30.17 WIND NW 2 SEA SW 1
TEMPERATURE DRY 38 WET 37 DEPTH 44

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	2.50	31.78	25.38	.734	0.44	.01	1
5	2.50	31.78	25.38	.737	0.48	.00	1
10	1.46	31.78	25.46	.748	0.48	.00	2
15	1.42	31.78	25.46	.743	0.52	.00	2
20	1.39	31.78	25.46	.742	0.54	.00	2
30	1.44	31.80	25.47	.744	0.58	.00	3
40	1.42	31.78	25.46	.742	0.58	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	2.50	31.78	25.38	260.3	.000
10	1.46	31.78	25.46	253.3	.026
20	1.39	31.78	25.46	252.9	.051
30	1.44	31.80	25.47	251.7	.076

STATION 36

58-28 N 165-27 W 02 JUN 1941 0414 GCT
WEATHER C Z BAR 30.14 WIND NE 3 SEA SW 1
TEMPERATURE DRY 40 WET 39 DEPTH 44

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	3.35	31.67	25.22	.662	0.50	.01	1
5	3.20	31.67	25.24	.671	0.48	.01	2
10	2.54	31.64	25.27	.673	0.50	.01	2
20	2.49	31.65	25.28	.671	0.50	.00	2
30	2.44	31.65	25.28	.673	0.46	.01	3
40	2.49	31.64	25.27	.670	0.55	.01	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	3.35	31.67	25.22	275.3	.000
10	2.54	31.64	25.27	271.2	.027
20	2.49	31.65	25.28	270.1	.054
30	2.44	31.65	25.28	269.8	.081

STATION 37

58-23 N 164-33 W 02 JUN 1941 0711 GCT
WEATHER C Z BAR 30.14 WIND ENE 1 SEA SW 1
TEMPERATURE DRY 42 WET 41 DEPTH 44

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.37	31.96	25.36	.701	0.36	.00	1
5	4.31	31.98	25.38	.706	0.35	.00	2
10	3.50	32.01	25.48	.715	0.38	.00	2
20	3.42	32.01	25.49	.701	0.40	.00	2
30	3.36	32.00	25.49	.701	0.40	.00	2
40	3.42	32.01	25.49	.697	0.40	.00	2

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	4.37	31.96	25.36	262.6	.000
10	3.50	32.01	25.48	250.9	.026
20	3.42	32.01	25.49	250.3	.051
30	3.36	32.00	25.49	250.6	.076

STATION 38

58-17 N 163-34 W 02 JUN 1941 1037 GCT
WEATHER C Z BAR 30.11 WIND N 4 SEA SW 1
TEMPERATURE DRY 44 WET 43 DEPTH 43

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.10	31.73	25.20	.676	0.55	.00	2
5	4.09	31.71	25.19	.677	0.50	.00	2
10	3.98	31.71	25.20	.681	0.45	.00	3
20	3.52	31.73	25.26	.679	0.45	.00	2
35	3.51	31.76	25.28	.673	0.45	.00	3

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	10^5 δ	ΔD
0	4.10	31.73	25.20	277.4	.000
10	3.98	31.71	25.20	277.9	.028
20	3.52	31.73	25.26	272.3	.056
30	3.42	31.75	25.28	270.0	.083

STATION 39

58-12 N 162-37 W 02 JUN 1941 1402 GCT
WEATHER BC Z BAR 30.09 WIND NE 4 SEA SW 1
TEMPERATURE DRY 43 WET 42 DEPTH 38

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	4.09	31.49	25.01	.685	0.40	.00	2
5	4.05	31.49	25.02	.688	0.40	.00	2
10	3.82	31.53	25.07	.692	0.40	.00	3
20	3.64	31.55	25.10	.692	0.40	.00	3
35	3.60	31.55	25.11	.688	0.40	.00	5

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	4.09	31.49	25.01	295.4	.000
10	3.82	31.53	25.07	290.0	.029
20	3.64	31.55	25.10	287.0	.058
30	3.58	31.55	25.11	286.5	.087

STATION 40

OFF GOOD NEWS BAY 02 JUN 1941 2100 GCT
WEATHER BC Z BAR 30.09 WIND N 3 SEA CALM
TEMPERATURE DRY 54 WET 50 DEPTH 11

OBSERVED VALUES

DEPTH	TEMP	SAL	SIG-T	OXY	PHOS	NIT	SIL
0	6.91	28.35	22.23	.628			
2	6.83	30.17	23.67	.629			
4	6.39	30.30	23.82	.630			
6	6.28	30.34	23.87	.631			

INTERPOLATED AND COMPUTED VALUES

DEPTH	TEMP	SAL	SIG-T	$10^5\delta$	ΔD
0	6.91	28.35	22.23	561.1	.000

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